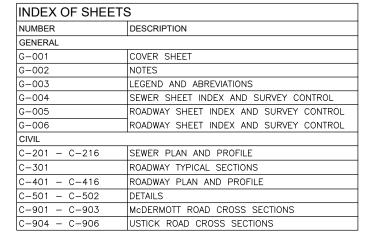
Coeur\d'Alene St. Maries Lewiston Idaho Halls **PROJECT LOCATION**

City

MCDERMOTT TRUNK SEWER

MERIDIAN, IDAHO 2025

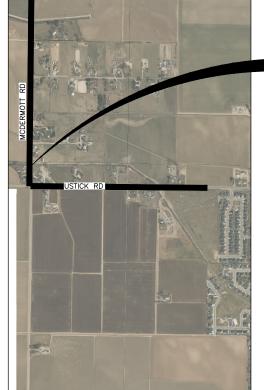
DEVELOPER: TOLL BROTHERS 3103 W. SHERYL DRIVE, SUITE 100 MERIDIAN, IDAHO 83642 208-424-0020



BASIS OF COORDINATES AND ELEVATIONS: Ada County GIS coordinate system, Modified ID West Transverse Mercator Projection Origin Latitude N41°40' Origin Longitude W115°45' origin Longitude W113 45
False Northing: 0 ft
False Easting: 2625138.999 ft
Scale Factor (Trimble) 1.0001132803
Units: US Survey Feet
Horizontal Datum: NAD83(CORS) Vertical Datum: NAVD88/Geoid12B(CONUS) Horizontal & Vertical coordinates are based on IDTD CORS epoch 2010 (PID:AJ3346) N43°39'10.59593" W116 17 00.26024 Ht:2589.148' N:724444.248

AREA MAP

PROJECT LOCATION



VICINITY MAP



PROJECT NO. 10-25-011



250 South Beechwood Avenue, Suite 201, Boise, ID 83709-0944 p 208 376 7330 f 208 323 9336 w www.jub.com e bwatson@jub.com

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SHEET NUMBER:

G-001

GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), THE CITY OF MERIDIAN SUPPLEMENTAL SPECIFICATIONS TO THE ISPWC (AND ANY ADDENDUMS). THE REQUIREMENTS OF THE ADA COUNTY HIGHWAY DISTRICT (ACHD). REQUIREMENTS OF THE NAMPA HIGHWAY DISTRICT (NHD), AND/OR THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT (ITD). THE MORE STRINGENT OF ANY OF THESE STANDARDS SHALL BE THE CONTROLLING STANDARDS
- 2 THE CONTRACTOR SHALL HAVE A COPY OF THE LATEST CITY OF MERIDIAN STANDARD SPECIFICATIONS AND DRAWINGS ON SITE OR READILY ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION (AVAILABLE ON THE WEBSITE). FAILURE TO HAVE ACCESS TO A CURRENT COPY OF THE STANDARD SPECIFICATIONS ON SITE COULD BE GROUNDS P WORK ORDER UNTIL THE SITUATION IS RESOLVED.
- 3. THE CONTRACTOR SHALL HAVE PLANS STAMPED "APPROVED FOR CONSTRUCTION" BY
- 4. ALL CONTRACTORS, SUBCONTRACTORS, AND UTILITY CONTRACTORS SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE PRIOR TO START OF WORK
- 5. CONTRACTORS SHALL NOTIFY THE APPROPRIATE AGENCY WHEN MATERIALS ARE ON SITE OR INSPECTION OF THE WORK IS REQUIRED. NO WORK MAY BEGIN ON ANY PROJECT WITHOUT TWENTY FOUR (24) HOUR PRIOR NOTICE.
- 6. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS INSPECTOR 48 HOURS PRIOR TO THE REQUIRED TESTING. THE CONTRACTOR MAY NOT OPEN OR CLOSE WATER
- 7. ALL MATERIAL FURNISHED ON, OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES. AT THE REQUEST OF THE APPROVING AGENCY OR THE DESIGN ENGINEER, CONTRACTORS SHALL FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE SPECIFICATION REQUIREMENTS SET FORTH IN GENERAL CONSTRUCTION NOTE NO.
- 8. WORK SUBJECT TO APPROVAL BY ANY GOVERNMENTAL AGENCY MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE; (B) PLACING OF AGGREGATE BASE; (C) PLACING OF CONCRETE; (D) PLACING OF ASPHALT PAVING.
- INSPECTION, APPROVAL AND FINAL ACCEPTANCE OF ALL WATER AND SEWER CONSTRUCTION SHALL BE BY THE PUBLIC WORKS DEPARTMENT, AND THEIR DECISION SHALL BE FINAL SUCH INSPECTIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER IN ACCORDANCE WITH THE DEQ/QLPE APPROVED CONSTRUCTION PLANS.
- 10. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST HAVE THE APPLICABLE AGENCY APPROVAL IN WRITING PRIOR TO CONSTRUCTION
- 11. PRIOR TO BEGINNING INSTALLATION OF STREET LIGHTS, THE ELECTRICAL CONTRACTOR SHALL OBTAIN AN ELECTRICAL PERMIT FROM THE BUILDING DIVISION OF THE MERIDIAN PUBLIC WORKS DEPARTMENT. ANY DEVIATION IN STREET LIGHT LOCATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN WRITING FROM THE
- 12. MISCELLANFOUS ITEMS SUCH AS FENCES, MAILBOXES, SIGNS, IRRIGATION/DRAINAGE RECICLATES, AND SMALL STRUCTURES WHICH ARE REQUIRED TO BE TEMPORARILY RELOCATED SHALL BE REPLACED IN KIND OR REUSED TO AN EQUAL OR BETTER PRE-EXISTING CONDITION. IF SUCH WORK IS REQUIRED AND NOT SPECIFICALLY LISTED ON THE BID SCHEDULE, IT SHALL BE CONSIDERED INCIDENTAL WITH THE
- 13. RETAIN AND PROTECT ALL FEATURES NOT DESIGNATED TO BE MODIFIED OR
- 14. THE CONTRACTOR SHALL MAINTAIN AND ENSURE THE FUNCTIONING OF ALL IRRIGATION AND WASTEWATER COLLECTION FACILITIES ADJACENT TO THE WORK, AND PROVIDE TEMPORARY FACILITIES IF NEEDED TO ACCOMMODATE THE WORK, AS APPROVED BY THE AGENCY HAVING AUTHORITY. CONTRACTOR SHALL COORDINATE ALL WORK WITH GOVERNING IRRIGATION AND DRAINAGE AGENCIES IF SUCH TEMPORARY FACILITIES ARE REQUIRED.
- 15. CONTRACTOR SHALL PREPARE AN IRRIGATION PROTECTION PLAN, SIGNED AND SEALED BY AN IDAHO-LICENSED PROFESSIONAL ENGINEER, AND SUBMIT TO IRRIGATION AGENCY PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.

WATER NOTES

- 1 CONSTRUCTION OF THE WATER SYSTEM SHALL CONFORM TO THE STANDARDS IN THE "IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08)" AS WELL AS THE STANDARDS AND SPECIFICATIONS REFERRED TO IN GENERAL CONSTRUCTION NOTE NO. 1.
- 2. THE HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE THE HORIZONIAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION) SHALL BE A MINIMUM OF TEN (10) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
- 3. THE HORIZONTAL SEPARATION OF NON-POTABLE SERVICES AND POTABLE WATER SERVICES OR POTABLE WATER MAINS SHALL BE A MINIMUM OF SIX (6) FEET.
 WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE
 WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL
 SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH
 SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS
 (1000) 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS
 (1000) 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA
- 4. PLACE WATER SERVICE LINES IN A TWO (2) INCH DIAMETER PIPE SLEEVE WHEREVER THE SERVICE LINE CROSSES A STORM WATER TREATMENT FACILITY (LE. SEEPAGE BEDS, DRAINAGE SWALES).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CONTINUOUS WATER SERVICE TO ALL EXISTING WATER USERS AFFECTED BY CONSTRUCTION. IF WATER SERVICE MUST BE INTERRUPTED, THE CONTRACTOR SHALL COORDINATE THE PUBLIC WORKS INSPECTOR.
- 6. ALL WATER WORKS COMPONENTS SHALL BE ANSI/NSF 61 CERTIFIED, AND MUST MEET ALL AWWA AND STANDARD REQUIREMENTS OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08).

SEWER NOTES

- 1 CONSTRUCTION OF THE SEWER SYSTEM SHALL CONFORM TO THE STANDARDS IN THE WASTEWATER RULES (IDAPA 58.01.16) AS WELL AS THE STANDARDS AND SPECIFICATIONS REFERRED TO IN GENERAL CONSTRUCTION NOTE NO. 1
- THE HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION) SHALL BE A MINIMUM OF TEN (10) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 THE WASTEWATER RULES (IDAPA 58.01.16).
- 3 THE HORIZONTAL SEPARATION OF NON-POTABLE SERVICES AND POTABLE WATER SERVICES OR POTABLE WATER MAINS SHALL BE A MINIMUM OF SIX (6) FEET. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, THE CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA
- 4. PLACE SEWER SERVICE LINES IN A SIX (6) INCH DIAMETER WATER CLASS PIPE SLEEVE WHEREVER THE SERVICE LINE CROSSES A STORM WATER TREATMENT FACILITY (I.E., SEEPAGE BEDS, DRAINAGE SWALES).
- 5 CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM MANHOLES LIDS
- 6. THE CONTRACTOR SHALL CONDUCT TESTING AND TELEVISION INSPECTION AFTER ALL UNDERGROUND UTILITIES HAVE BEEN INSTALLED. THE CONTRACTOR SHALL PROVIDE A VIDEOTAPE OF THE INSPECTION PRIOR TO FINAL ACCEPTANCE OF THE SEWER, REFER TO THE PROJECT SPECIFICATIONS FOR TESTING
- 7. ALL CCTV INSPECTIONS SHALL BE COMPLETED BY A THIRD PARTY TESTING
- 8. EXISTING INVERTS BASED ON FIELD DATA. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 9 STATIONING BASED ON CENTERLINE OF THE PROPOSED SEWER PIPE
- 10. DEWATERING WILL BE REQUIRED TO CONSTRUCT THIS PROJECT. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION.

ROADWAY NOTES

- 1 ALL CONTRACTORS WORKING WITHIN THE PUBLIC ROAD RIGHT-OF-WAY ARE REQUIRED TO SECURE A RIGHT-OF-WAY CONSTRUCTION PERMIT FROM ACHD AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.
- 2. ACHD WILL INSPECT ALL WORK WITHIN THE PUBLIC RIGHTS-OF-WAY TO INCLUDE UTILITY TRENCHES ABOVE THE PIPE ZONE.
- ALL CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CURRENT EDITION OF THE ISPWC AND THE CURRENT ACHD SUPPLEMENTAL SPECIFICATIONS TO THE ISPWC. NO EXCEPTIONS WILL BE ALLOWED UNLESS, SPECIFICALLY AND PREVIOUSLY APPROVED IN WRITING BY THE JURISDICTIONAL
- 4 ACHD WILL OBSERVE ALL WORK WITHIN THE ROAD RIGHTS-OF-WAY EXCEPT ON MCDERMOTT ROAD SOUTH OF USTICK ROAD. ALL TESTING, INSPECTIONS QUALITY CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONSTRUCTION TRAFFIC CONTROL AND SURFACE REPAIR SHALL BE AN ONGOING PROCESS, REFER TO THE PROJECT MANUAL FOR REQUIREMENTS. A TRAFFIC CONTROL SUPERVISOR SHALL BE ON—SITE AND DIRECT IMPLEMENTATION OF THE APPROVED TRAFFIC CONTROL PLAN AND ALL SUBSEQUENT PHASING. MAINTAIN ALL ACCESS TO EXISTING PUBLIC AND DRUMATE PROADS OR DEPORTED AND DELIBERSEES DURING CONSTRUCTION. PRIVATE ROADS, PROPERTIES, AND BUSINESSES DURING CONSTRUCTION. COORDINATE WITH ALL AFFECTED PROPERTY OWNERS AND JURISDICTIONAL AGENCIES AND MINIMIZE THE DISRUPTION TO ACCESS AND OPERATIONS

PAVEMENT RESTORATION NOTES

- ALL ASPHALT MATCH LINES FOR PAVEMENT REPAIR SHALL BE PARALLEL TO THE CENTER LINE OF THE STREET AND INCLUDE ANY AREA DAMAGED BY
- 2. CONTRACTOR SHALL REPLACE THE PAVEMENT SURFACE TO ENSURE MATCH LINE DOES NOT FALL WITHIN THE WHEEL PATH OF A LANE
- 3. ANY EXCEPTIONS TO THESE RULES SHALL BE PRE-APPROVED IN WRITING BY ACHD AND NHD STAFF BEFORE CONSTRUCTION BEGINS.
- 4. SAW CUT ALL EDGES OF PAVEMENT REMOVAL AREAS. SAW CUT FULL DEPTH OF ASPHALT PAVEMENT.
- 5. CONSTRUCT ALL PAVEMENT MATCHES (INCLUDING DRIVEWAY APPROACHES AND UTILITY CUT STREET REPAIRS) WITHIN ACHD OR NHD RIGHT-OF-WAY PER THE DETAILS SHOWN ON THE PLANS. SEE DETAIL SHEETS C-501, C-502. AND C-503. PAYEMENT SECTIONS AND REPAIRS SHALL BE IN ACCORDANCE WITH THE UTILITY PERMIT AND THE DETAILS SHOWN ON THE PLANS.
- ACTUAL FIELD CONDITIONS DURING TRENCHING MAY REQUIRE ADDITIONAL PAVEMENT REPAIR BEYOND THE LIMITS SHOWN ON THE PLANS. THE FOLLOWING CONDITIONS ARE LISTED IN SECTION 6008.13.11 OF ACHD POLICY MANUAL. ALL ASPHALT MATCH LINES FOR PAVEMENT REPAIR SHALL BE PARALLEL TO THE CENTERLINE OF THE STREET AND INCLUDE ANY AREA DAMAGED BY EQUIPMENT DURING TRENCHING OPERATIONS.

 IF THE CUMULATIVE DAMAGED PAVEMENT AREA EXCEEDS 50% OF THE
 - TOTAL ROAD SURFACE, CONTRACTOR SHALL REPLACE THE ENTIRE ROADWAY
- TOTAL RODAD SURFACE, CONTRACTOR SHALL REPLACE THE ENTIRE ROADWAY SURFACE.

 C. CONTRACTOR SHALL REPLACE THE PAVEMENT SURFACE TO ENSURE MATCH LINE DOES NOT FALL WITHIN THE WHEEL PATH OF A LANE. MATCH LINE SHALL ONLY FALL IN THE CENTER OR EDGE OF A TRAVEL LANE.

 D. FLOWABLE FILL OR IMPORTED MATERIAL MAY BE REQUIRED IF THE NATIVE TRENCH MATERIAL IS DEEMED UNSUITABLE BY ACHD, THE INSPECTOR, DOES
- NOT MEET COMPACTION STANDARDS, OR TIME IS A CRITICAL FACTOR
- 7. IN CASES WHERE INCLEMENT WEATHER PREVENTS FINAL TYPE "P" RESTORATION. TEMPORARY SURFACING SHALL BE PLACED AS REQUIRED IN SECTION 307 OF THE ISPWC AND SPECIFICATIONS.
- 8 ADJUST NEW AND EXISTING MANHOLF COVERS VALVE BOXES AND OTHER UTILITY COVERS TO FINISH PAVEMENT ELEVATION OF THE SURFACE REPAIR. CONCRETE COLLARS SHALL BE PER SD-508.
- PRIOR TO PLACEMENT OF ANY PAVEMENT MARKINGS CONTACT ACHD CONSTRUCTION SERVICES FOR COMPLIANCE WITH POLICY AND EXISTING
 PAVEMENT MARKINGS AT (208) 387-6280. FOR NHD ROW, CONTACT THE NHD FOREMAN LISTED ON THE UTILITY PERMIT.

UTILITY NOTES

- 1. APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS, THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS ELEVATIONS ARE SHOWN SPECIFICALLY ON THE PLANS, CONTRACTOR SHALL FIELD VERIFY UTILITY DEPTHS, ELEVATIONS, ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- 2. COORDINATE CONSTRUCTION ACTIVITIES TO MINIMIZE DISRUPTION OF SERVICES ATTEND AND PARTICIPATE IN A SERVICES COORDINATION MEETING AT THE START OF CONSTRUCTION AND AS REQUIRED DURING CONSTRUCTION TO RESOLVE
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH IDAHO POWER COMPANY AND PAYING ALL COSTS ASSOCIATED WITH PROVIDING TEMPORARY SUPPORT FOR THE POWER POLES DURING CONSTRUCTION AS REQUIRED TO SAFELY COMPLETE TRENCHING OPERATIONS ADJACENT TO THE

MONUMENTS DISTURBED BY **CONSTRUCTION ACTIVITIES**

1. ALL PROPERTY AND LAND CORNER MONUMENTS SHALL BE SAVED AND PROTECTED IN ACCORDANCE WITH IDAHO CODE 55-1613 AND 54-1234. MONUMENTS INCLUDE BUT ARE NOT LIMITED TO: LAND AND PROPERTY CORNERS, PUBLIC LAND SURVEY CORNERS, SUBDIVISION, TRACT, OR OTHER LAND BOUNDARY CORNERS. WHEN SUCH MONUMENTS MAY BE DESTROYED BY CONSTRUCTION, THE MONUMENT SHALL BE REFERENCED UNDER THE DIRECTION OF AN IDAHO PROFESSIONAL LAND SURVEYOR PRIOR TO CONSTRUCTION. ALL SUCH MONUMENTS SHALL BE REESTABLISHED AFTER CONSTRUCTION BY AN IDAHO PROFESSIONAL LAND SURVEYOR AND CORNER RECORDS FILED PER

ASSET MANAGEMENT

- 1. CONTRACTOR SHALL ENTER RELEVANT INFORMATION FROM ALL EQUIPMENT WITH ASSET EQUIPMENT ID NUMBERS INTO THE ASSET MANAGEMENT SPREADSHEET PROVIDED BY THE CITY. INFORMATION TO BE ENTERED INCLUDES ASSET ID NUMBER, MANUFACTURER NAME MODEL NUMBER SERIAL NUMBER MANUFACTURED DATE INSTALLED DATE COST ADDITIONAL INFORMATION SPECIFIC TO THE EQUIPMENT TYPE AS DESCRIBED ON
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SPREADSHEET IS FILLED OUT COMPLETELY AND ACCURATELY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REQUIRED ASSET MANAGEMENT INFORMATION IS COLLECTED PRIOR TO INSTALLATION; THE TYPE AND NATURE OF INSTALLATION COULD LIMIT OR PREVENT COLLECTING SUCH INFORMATION.
- 3. IF EQUIPMENT IS ADDED TO THE PROJECT NOT PREVIOUSLY ASSIGNED AN ASSET EQUIPMENT ID NUMBER ON THE DESIGN PLANS, THEN IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY SUCH EQUIPMENT AND ENSURE THAT IT IS ASSIGNED AN ID NUMBER IN COORDINATION WITH THE CITY AND ENTERED INTO THE SPREADSHEET.
- THE COMPLETED SPREADSHEET MUST BE SUBMITTED WITH CONTRACTOR'S APPLICATION REQUESTING PAYMENT ON THAT SPECIFIC EQUIPMENT. PAYMENT WILL NOT BE MADE UNTIL THE ASSET MANAGEMENT SPREADSHEET IS RECEIVED AND VERIFIED TO BE CORRECT BY THE CITY PROJECT MANAGER
- CONTRACTOR TO MEET WITH ASSET MANAGEMENT ON-SITE WHEN ALL ASSETS HAVE BEEN INSTALLED. ASSET MANAGEMENT WILL LABEL AND VERIFY WITH CONTRACTOR ALL ASSETS WERE INSTALLED PER PLAN.
- 6. ALL WORK AND MATERIALS REQUIRED TO COMPLETE THE ASSET MANAGEMENT REQUIREMENTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE BY THE CITY.

CONTACT PHONE NUMBERS

CITY OF MERIDIAN-PUBLIC WORKS, ENGINEERING

ACHD-INSPECTION COORDINATOR JIM PICKARD, 208-387-6308

NMID-SUPERINTENDENT David Duvall, 208-466-7861

NAMPA HIGHWAY DISTRICT NO. 1-RIGHT-OF-WAY AGENT EDDY THIEL, 208-467-6576

J-U-B ENGINEERS, INC

-0944 ENGINEERS, S. Beechwood A Suite 201 se, ID 83709-09 Boise, Ś lω -U-B



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DERMOTT TRUNK SEWI MERIDIAN, IDAHO

RAWN BY: ARR

SIGN BY: BRW AT FULL SIZE, IF NOT OF

SHEET NUMBER:

G-002

Know what's **below.** Call before you dig CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG. GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

SYMBOL LEGEND

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
CAP (ALUMINUM)	Φ	
CAP (BRASS)	•	
CHISELED X	⊠	
CTRL PT GENERIC	<u> </u>	
CTRL PT ½" REBAR	△1/2" PIN CONTROL PT	
CTRL PT %" REBAR	△ 5/8" PIN CONTROL PT	
CTRL PT 60D NAIL	∆ 60D	
CTRL PT HUB & TACK	Д нт	
CTRL PT PK NAIL	∆ pk	
CTRL PT TEMP BENCH MARK	А твм	
NAIL	Φ	•
NAIL AND TAG	Ø ^{N/T}	
NAIL (PK)	Ø ^{PK}	
BOLT	•	
DRILL STEEL	0	
REBAR (½")	0	•
REBAR (%")		
STAINLESS STEEL ROD	•	
IRON PIPE	• I	
RAILROAD SPIKE	>	
R/W MONUMENT	0	
STONE	⊕	
SECTION CORNER. MON.	22 15	
SECTION QUARTER MON.	15 22	
SITE		
BOLLARD	0	
BOULDER	0	
DRINKING FOUNTAIN	DF	DF
FLAGPOLE	©	(F)
GATE		
MAIL BOX	M	M
PARKING METER	₽₩	PM
POST	0	•
SIGN		-
SPOT ELEVATION	×	×
TREE (SHRUB)	0	0
TREE (STUMP)	n	Pl
TREE (CONIFEROUS)	ZW.Z	ZWY ZWY
TREE (DECIDUOUS)	0	\odot
TEST HOLE	€	(TH)
WELL	ŵ	
WELL (MONITORING)	M	M

SYMBOL	EXISTING	PROPOSED
DESCRIPTION	SYMBOL	SYMBOL
UTILITIES		
MANHOLE (GENERIC)	0	•
PRESSURE CLEAN OUT AT GRADE	<u></u>	es
THRUST BLOCK	_	_
VAULT	V	V
COMMUNICATION		
TELE. MANHOLE	T T	•
TELE. PEDASTAL	₪	•
TELE. POLE	-0-	•
TV PEDASTAL	īV	™
GUY WIRE	<u> </u>	<u> </u>
DOMESTIC WATER		
FIRE HYDRANT	ਿ	
SPIGOT	•	•
YARD HYDRANT	Q.	•
WATER MANHOLE	w	•
WATER METER	⊞	
WATER VALVE	₩	×
ELECTRIC		
ELEC. MANHOLE	©	•
ELEC. METER	Ē	E.
ELEC. TRANS.	E	E
JUNCTION BOX	J	J
POWER POLE	-	-
POWER STUB	Œ	©
STREET LIGHT	፨	*
TRAFFIC SIGNAL POLE	©	
IRRIGATION		
IRRIGATION VALVE	IRF	R
IRRIGATION VALVE BOX	Φ	Φ
SPRINKLER	Δ	A
NATURAL GAS		
GAS METER	G H	G
GAS VALVE	g ⊠	G ₩
SANITARY SEWER		· ·
CLEANOUT	0	•
SEWER STUB	S	S
SS MANHOLE		•
STORM DRAIN	I	· ·
CATCH BASIN	B	
DRY WELL	(DW)	- (w)
FLARE END		
GREASE TRAP	1	0 0
SD MANHOLE	0	
·····-		

LINE LEGEND

SEWER FORCE MAIN

WATER

WATER (GENERAL)

WATER (SPECIFIED SIZE)

WATER SERVICE

		<u></u>
LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
BOUNDARY		
PROPERTY LINE	P/L	——— P/L ———
PROPERTY LINE		
RIGHT OF WAY	R/W	R/W
TEMPORARY EASEMENT	—— т/Е——	—— т/Е ——
PERMANENT EASEMENT	—— Р/Е——	——— P/E ———
TOWNSHIP AND RANGE		
SECTION LINE		
QUARTER SECTION LINE		
1/16 SECTION LINE		
STATE LINE		
COUNTY LINE		
SITE		
FENCE	x	x
MAJOR CONTOUR	2521	
MINOR CONTOUR		

MINOR CONTOUR		
GRADE BREAK		GB
TOP OF BANK		тов
TOE OF SLOPE		—— тое ——
CUT LIMITS		
FILL LIMITS		
DITCH		
STORM SWALE	_ · · _	
EDGE OF WATER		
HIGH WATER		
WETLAND		WET
WETLAND BOG		—— вос ——
WETLAND MARSH		MRSH
WETLAND SWAMP		SWMP
ROADWAY		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT	EP	— — EP — — —
ROAD GRAVEL		— — EG — — —
TOP BACK OF CURB		
LIP OF GUTTER		
LANDSCAPING LIMITS	——us ——	LS
POWER / COMMUNICA	ATIONS	
OVERHEAD POWER	OHP	—— ОНР ———
UNDERGROUND POWER	UP	UP
OVERHEAD TELEPHONE	—— онт ——	— — — онт — — —
UNDERGROUND TELEPHONE	—— ит——	— — ut — — —
FIBER OPTIC	—— F/0 ——	— — F/0 — — —
CABLE TELEVISION	стv	стv
UNDERGROUND POWER, TEL, CABLE TV		— — — P,T,CTV — — —
UNDERGROUND POWER, TEL, CABLE TV, GAS		— — P,T,CTV,G — — —

_	<u> </u>		
	LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
İ	IRRIGATION		
	IRRIGATION	IRR	IRR
	GRAVITY IRRIGATION	GIRR	— — — GIRR — — —
	PRESSURE IRRIGATION	PIRR	PIRR
	POTABLE WATER	PW	PW
	NON-POTABLE WATER	NPW	NPW
Ì	GAS		
	NATURAL GAS	—— с ——	c
	NATURAL GAS SERVICE	— G — G —	c c
	HIGH PRESSURE GAS	HPG	— — HPG — — —
	LIQUID GAS	——ге ——	LG
İ	STORM DRAIN		
	STORM DRAIN (GENERAL)	sp	sp
	STORM DRAIN	X*SD	x*sp
	ROOF DRAIN	———RD ———	— — RD— — —
İ	SANITARY SEWER		
	SANITARY SEWER (GENERAL)	ss	ss
	SANITARY SEWER	x"ss	x"ss
١	SANITARY SEWER SERVICE	ssss	ssss

	ABBREVIATIONS
ACHD	ADA COUNTY HIGHWAY DISTRICT
APPROX	APPROXIMATE
ASP	ASPHALT
ASSY	ASSEMBLY
>	ANGLE
0	AT (MEASUREMENTS)
BH	BORE HOLE
BLDG	BUILDING
ВМ	BENCH MARK
BOR	BUREAU OF RECLAMATION
BPBC	BOISE PROJECT BOARD OF CONTROL
BSC	BITUMINOUS SURFACE COURSE
BSW	BACK OF SIDEWALK
BW	BOTH WAYS
С	CHANNEL (STRUCTURAL)
C/L	CENTER LINE
СМР	CORRUGATED METAL PIPE
co	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CPLG	COUPLING
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR '	DEGREE
DET	DETAIL
DIA OR Ø	DIAMETER
DIP	DUCTILE IRON PIPE
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACH
EG	EXISTING GROUND
ELB	ELBOW
ELEV	ELEVATION
EW	EACH WAY
EXIST	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FLG	FLANGE
FT OR '	FEET
GV	GATE VALVE
HORIZ	HORIZONTAL INSIDE DIAMETER
ID	
ITD	IDAHO TRANSPORTATION DEPARTMENT

INV	INVERT		
ISPWC	IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION		
IN OR "	INCH		
LB OR #	POUND		
LF	LINEAL FEET		
LN	LINEAL		
MAX	MAXIMUM		
MIN	MINIMUM		
MJ	MECHANICAL JOINT		
NO OR #	NUMBER		
NMID	NAMPA & MERIDIAN IRRIGATION DISTRICT		
NTP	NOTICE TO PROCEED		
PE	POLYETHYLENE		
P/E	PERMANENT SEWER EASEMENT		
PC	POINT OF CURVATURE		
PL	PLATE		
PL	PROPERTY LINE		
PT	POINT OF TANGENCY		
PVC	POLYVINYL-CHLORIDE		
R	RADIUS		
RP	RADIUS POINT		
R&R	REMOVE & REPLACE		
REM	REMOVE		
REQ'D	REQUIRED		
REV	REVISION		
R/W	RIGHT-OF-WAY		
S	SLOPE		
SPEC	SPECIFICATION		
STA	STATION		
STD	STANDARD		
STL	STEEL		
SST	STAINLESS STEEL		
SY	SQUARE YARD		
S/W	SIDEWALK		
TBC	TOP BACK OF CURB		
T/E	TEMPORARY CONSTRUCTION EASEMENT		
TYP	TYPICAL		
TFC	TOP FACE OF CONCRETE		
W/	WITH		
W/O	WITHOUT		
W/REQ'D	WHERE REQUIRED		



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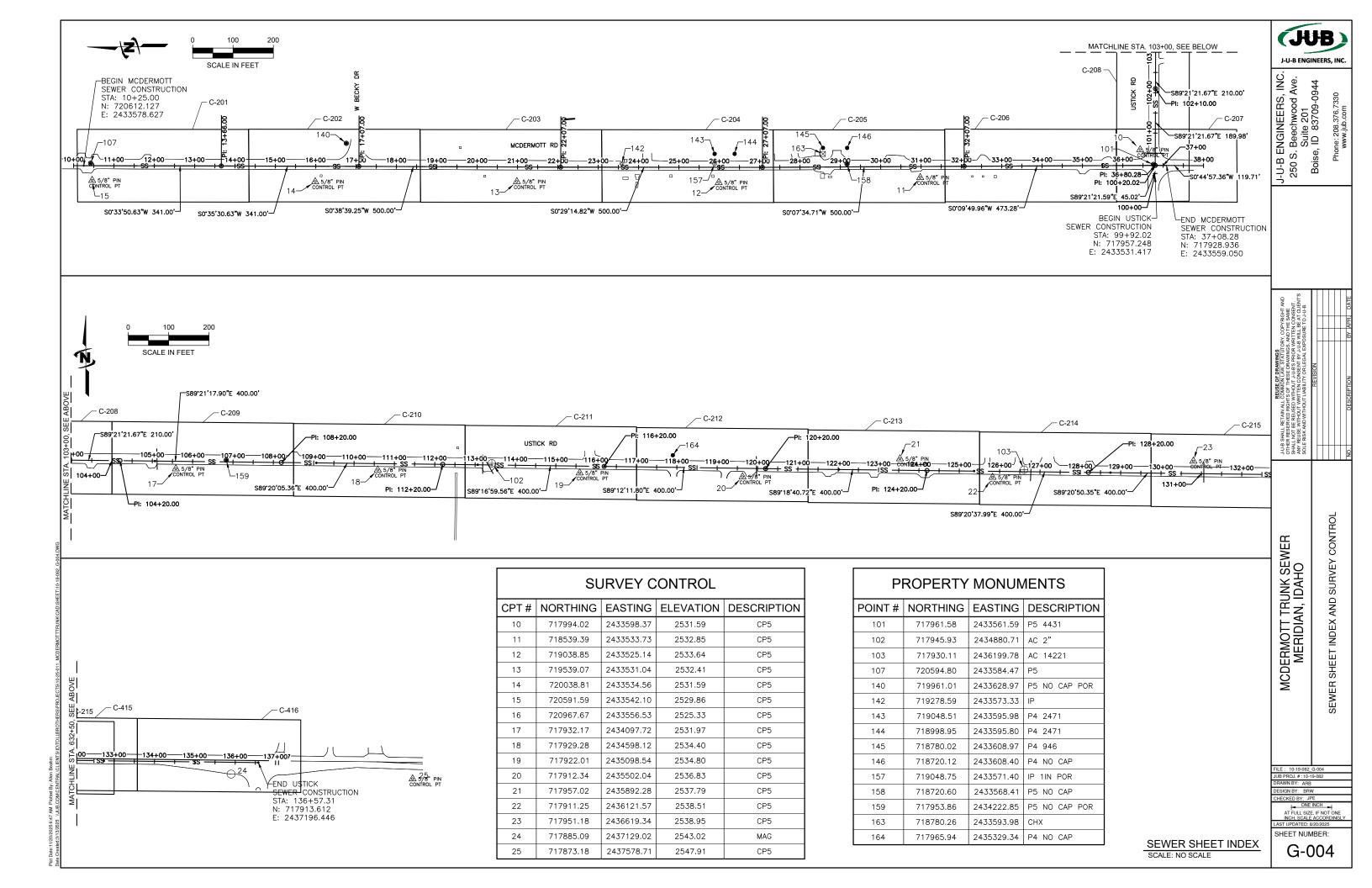


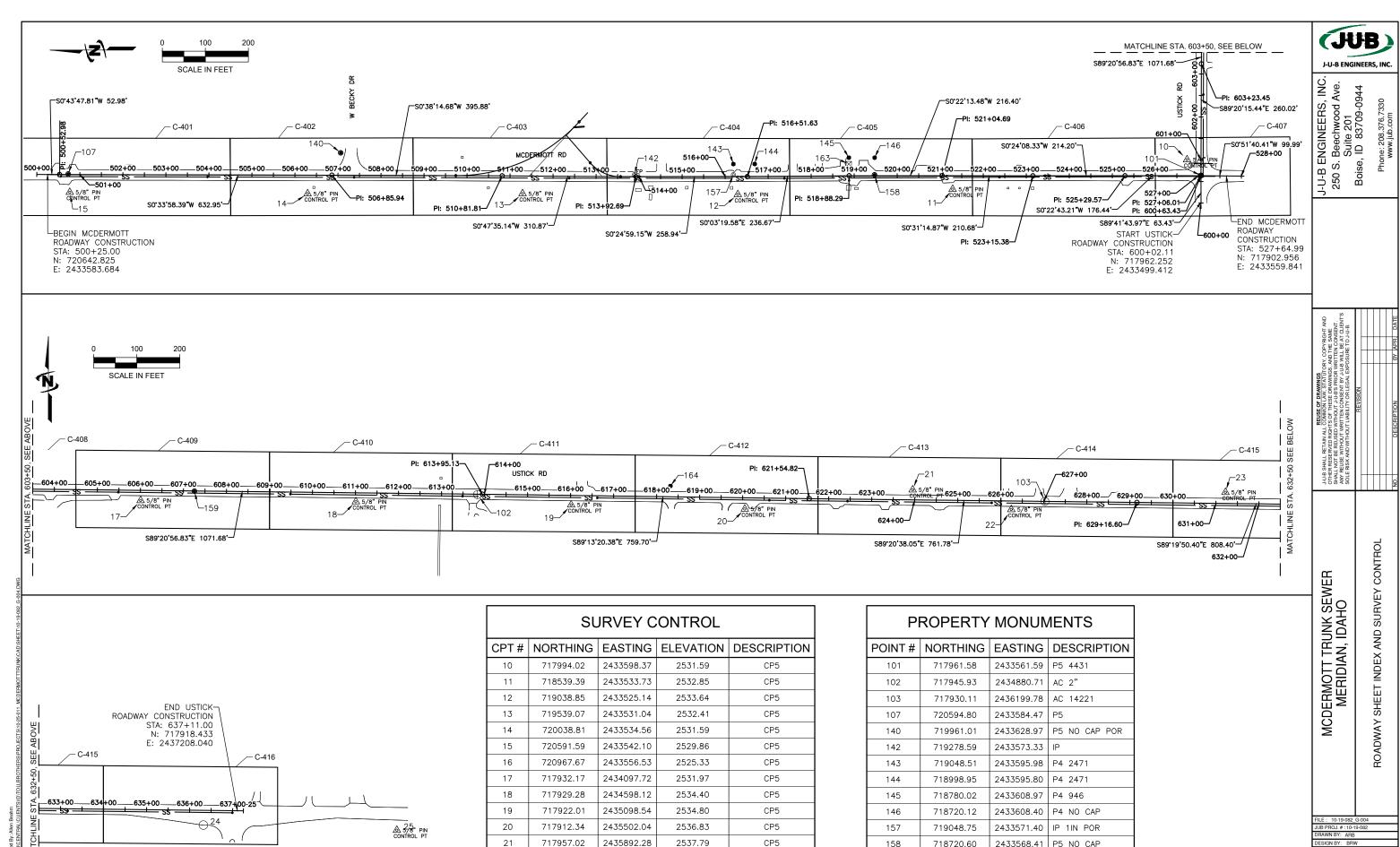
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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO			I EGEND AND ABBREVIATIONS		

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ONE INCH
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGL

SHEET NUMBER:





22

23

24

25

717911.25

717951.18

717885.09

717873.18

2436121.57

2436619.34

2437129.02

2437578.71

2538.51

2538.95

2543.02

2547.91

CP5

CP5

MAG

CP5

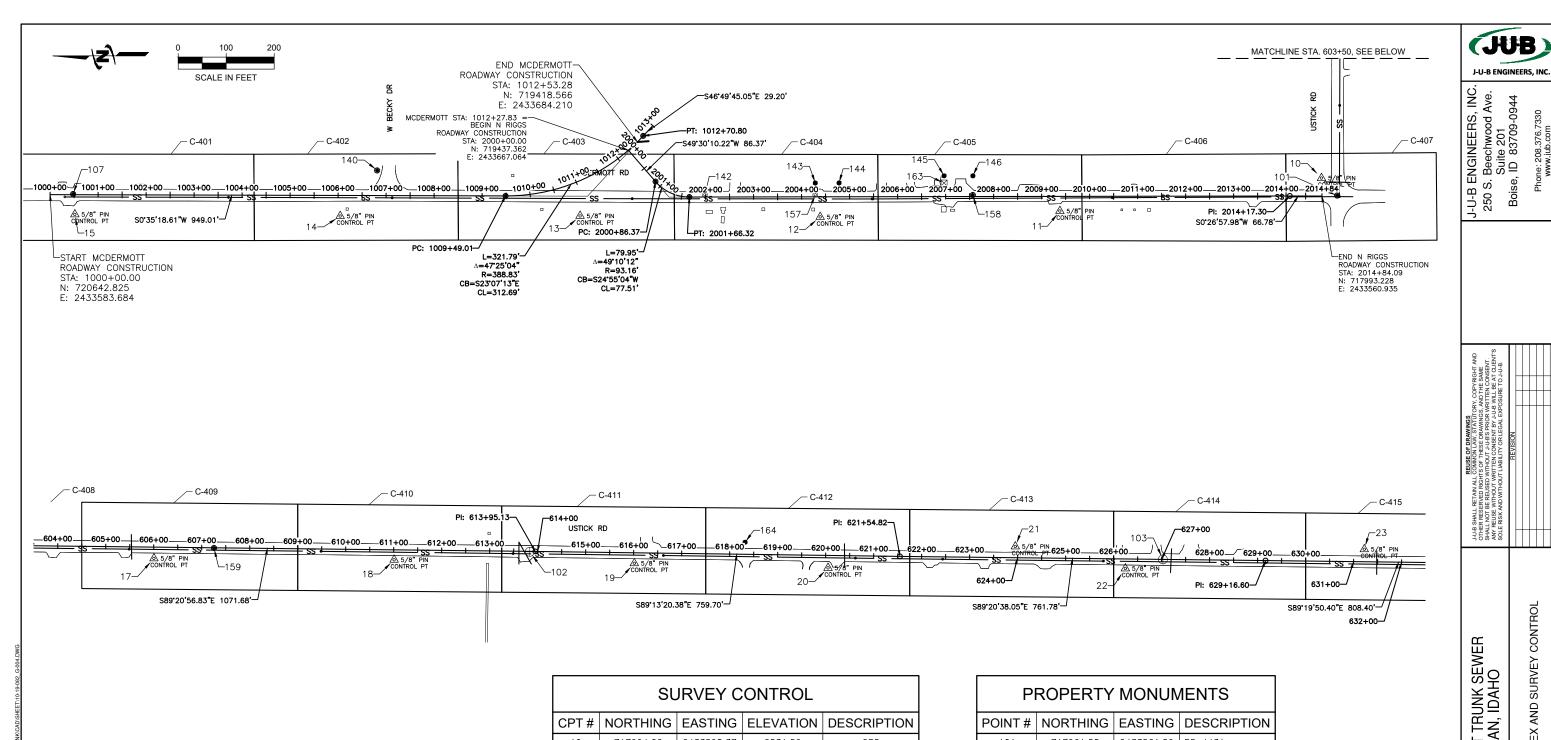
POINT#	NORTHING	EASTING	DESCRIPTIO
101	717961.58	2433561.59	P5 4431
102	717945.93	2434880.71	AC 2"
103	717930.11	2436199.78	AC 14221
107	720594.80	2433584.47	P5
140	719961.01	2433628.97	P5 NO CAP POR
142	719278.59	2433573.33	IP
143	719048.51	2433595.98	P4 2471
144	718998.95	2433595.80	P4 2471
145	718780.02	2433608.97	P4 946
146	718720.12	2433608.40	P4 NO CAP
157	719048.75	2433571.40	IP 1IN POR
158	718720.60	2433568.41	P5 NO CAP
159	717953.86	2434222.85	P5 NO CAP POR
163	718780.26	2433593.98	СНХ
164	717965.94	2435329.34	P4 NO CAP

ROADWAY SHEET INDEX
CALE: NO SCALE

| ONE INCH |
AT FULL SIZE, IF NOT OF

G-005

SHEET NUMBER:



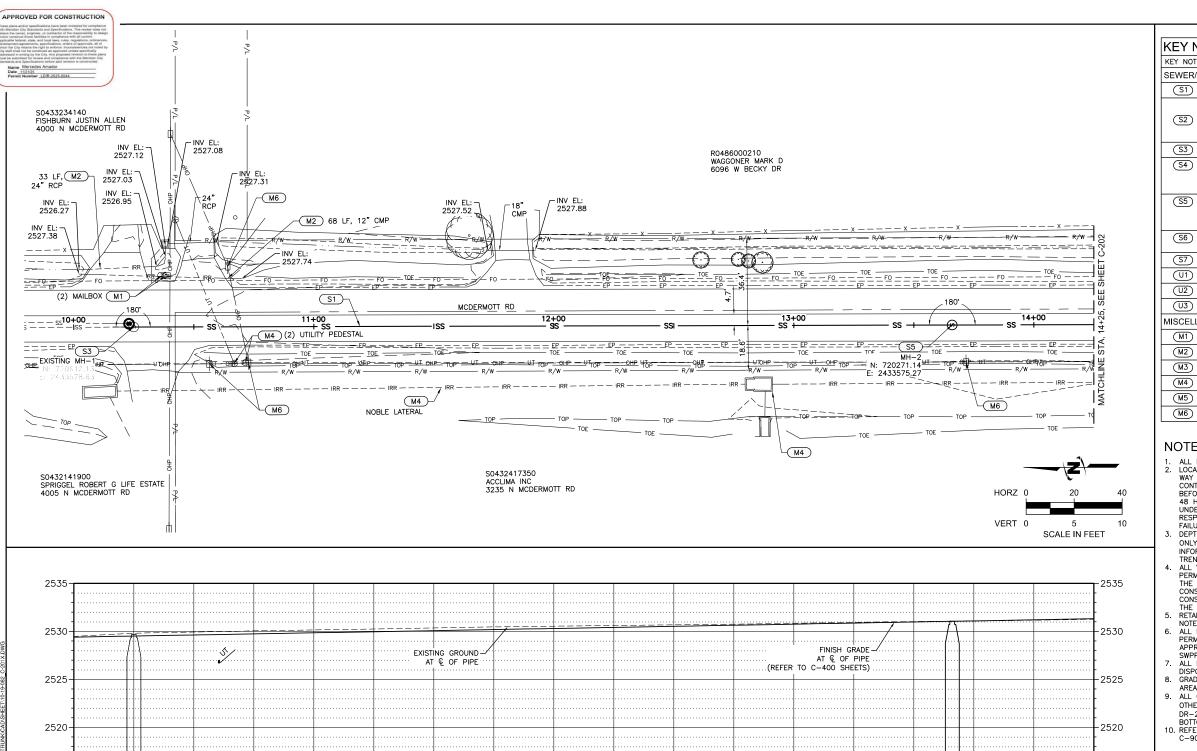
END USTICK— ROADWAY CONSTRUCTION STA: 637+11.00 N: 717918.433 E: 2437208.040	
C-415	
633+00634+00635+00636+00637+000·25 	À 3/8" PIN CONTROL PT

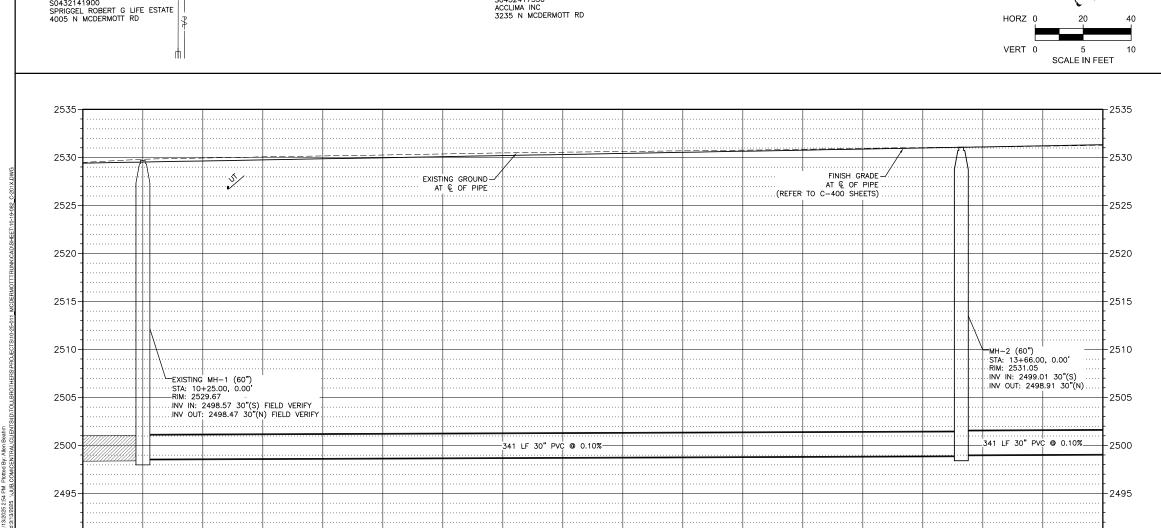
	SURVEY CONTROL					
CPT#	NORTHING	EASTING	ELEVATION	DESCRIPTION		
10	717994.02	2433598.37	2531.59	CP5		
11	718539.39	2433533.73	2532.85	CP5		
12	719038.85	2433525.14	2533.64	CP5		
13	719539.07	2433531.04	2532.41	CP5		
14	720038.81	2433534.56	2531.59	CP5		
15	720591.59	2433542.10	2529.86	CP5		
16	720967.67	2433556.53	2525.33	CP5		
17	717932.17	2434097.72	2531.97	CP5		
18	717929.28	2434598.12	2534.40	CP5		
19	717922.01	2435098.54	2534.80	CP5		
20	717912.34	2435502.04	2536.83	CP5		
21	717957.02	2435892.28	2537.79	CP5		
22	717911.25	2436121.57	2538.51	CP5		
23	717951.18	2436619.34	2538.95	CP5		
24	717885.09	2437129.02	2543.02	MAG		
25	717873.18	2437578.71	2547.91	CP5		

PROPERTY MONUMENTS									
POINT#	NORTHING	EASTING	DESCRIPTION						
101	717961.58	2433561.59	P5 4431						
102	717945.93	2434880.71	AC 2"						
103	717930.11	2436199.78	AC 14221						
107	720594.80	2433584.47	P5						
140	719961.01	2433628.97	P5 NO CAP POR						
142	719278.59	2433573.33	IP						
143	719048.51	2433595.98	P4 2471						
144	718998.95	2433595.80	P4 2471						
145	718780.02	2433608.97	P4 946						
146	718720.12	2433608.40	P4 NO CAP						
157	719048.75	2433571.40	IP 1IN POR						
158	718720.60	2433568.41	P5 NO CAP						
159	717953.86	2434222.85	P5 NO CAP POR						
163	718780.26	2433593.98	CHX						
164	717965.94	2435329.34	P4 NO CAP						

ROADWAY SHEET INDEX SCALE: NO SCALE

	J-U-B ENG	IN	<u> </u>	K	5,	IN	C.	
	J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201			Phone: 208.376,7330	moo.diib.com			
	IIGHT AND SAME NNSENT. AT CLIENT'S 5 J-U-B.							3. DATE
	RY, COPYR AND THE S RITTEN CC 3 WILL BE A							BY APR.
	REUSE OF DRAWINGS OTHER RESERVED RIGHTS OF THESE ERAMINGS, AND THE SAME THAT MOTHER RESERVED RIGHTS OF THESE ERAMINGS, AND THE SAME ANY MEDISE WITHOUT WRITTEN CONSENT. SOLE RISK AND WITHOUT MAILTIN CORLEGAL EXPOSURE TO J.J.B.	REVISION						 DESCRIPTION
	MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO ROADWAY SHEET INDEX AND SURVEY CONTROL							
	FILE: 10-19-082_ JUB PROJ. #:10-1 DRAWN BY: ARB	9-0						
	DESIGN BY: BRY CHECKED BY: JF ONE	V E IN	СН	_	+	, hir		
	AT FULL SIZE INCH, SCALE LAST UPDATED: 8	A(20	/20)H 25	DII	NG	LY	
<u><</u>	SHEET NUMBER: G-006							





12+00

12+50

2490

10+00

11+00

10+50

11+50

KEY NOTES KEY NOTE DESCRIPTION SEWER/UTILITY KEY NOTES GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE) ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE AS ISFWC 17FE A MANHOLE PER ISFWC 3D-501 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISFWC SD-501A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. CONNECT TO EXISTING MANHOLE STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502 TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-502A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. PVC C900, DR-25 POTABLE WATER CLASS SLEEVE (PER DETAIL, SHEET C-502) 'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1 RETAIN AND PROTECT EXISTING CULVERT (U2) OPEN TRENCH CULVERT REPLACEMENT WATERLINE CROSSING MISCELLANEOUS KEY NOTES REMOVE AND RESET ITEM (M2) REMOVE AND REPLACE ITEM (M3) REMOVE ITEM (M4) RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

NOTES:

2490

14+25

14+00

13+50

13+00

- 1. ALL MANHOLE DEFLECTIONS ARE 180' UNLESS OTHERWISE NOTED.
 2. LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY, BASED ON INFORMATION PROVIDED BY THE UTILITIES. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. CALL DIG—LINE, 811, A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION TO REQUEST LOCATIONS OF UNDERGROUND UTILITIES. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
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- HE PROJECT.

 RETAIN AND PROTECT ALL EXISTING FEATURES. REFER TO GENERAL NOTES, SPECIFICATIONS, AND SPECIAL PROVISIONS.

 6. ALL ROADSIDE BORROW DITCHES SHALL INCLUDE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY PER THE APPROVED SWPPP. STORM WATER MANAGEMENT, INCLUDING THE SWPPP, IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 7. ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE.

 8. GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES.
- 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED
 OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN
 BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. REFER TO SHEETS C-401 THROUGH C-416 AND C-901 THROUGH
 C-906 FOR ROADWAY REPAIR.

J-U-B ENGINEERS, INC

ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EI 250 S. Boise,



MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

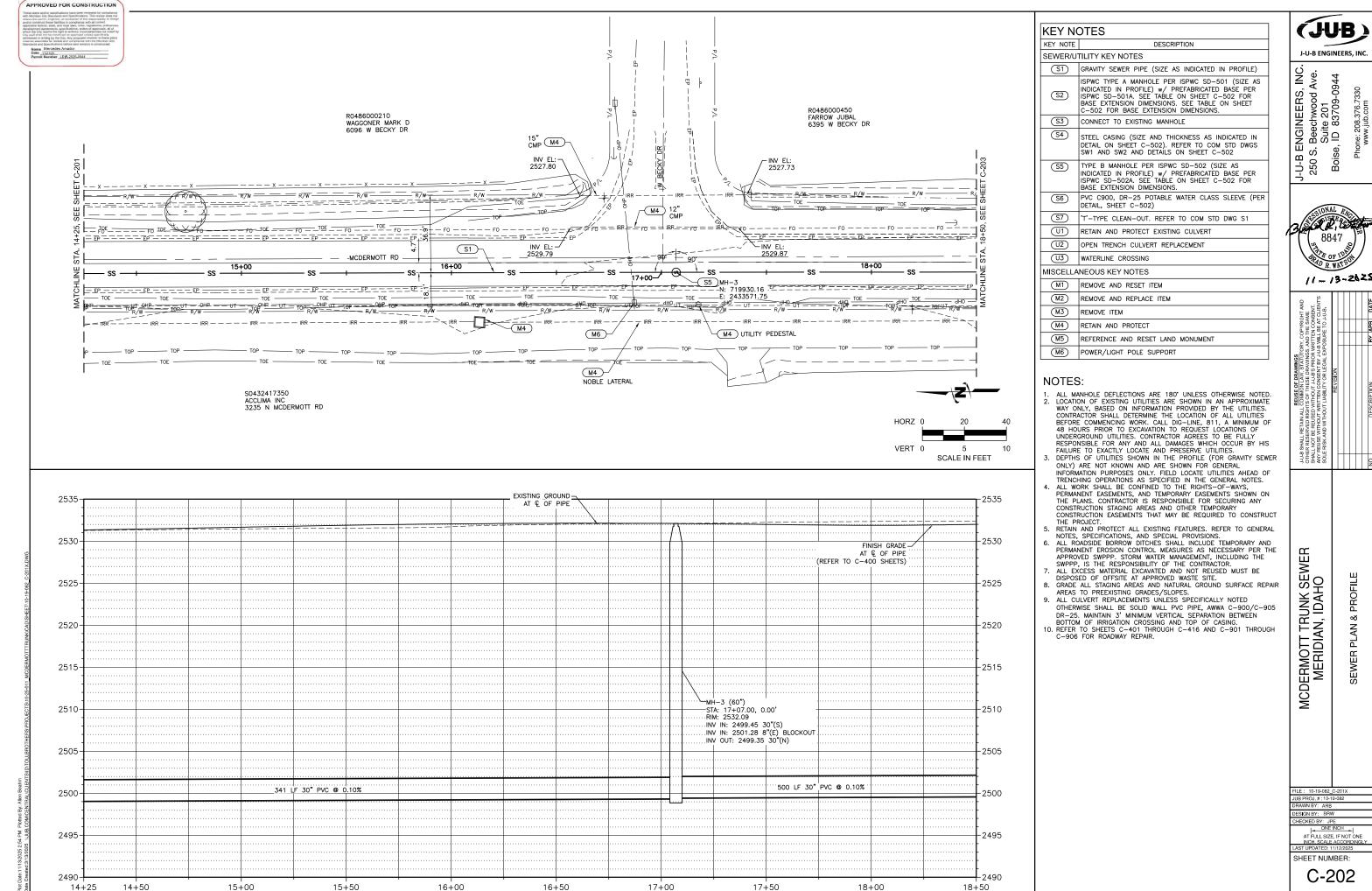
PROFILE

SEWER PLAN &

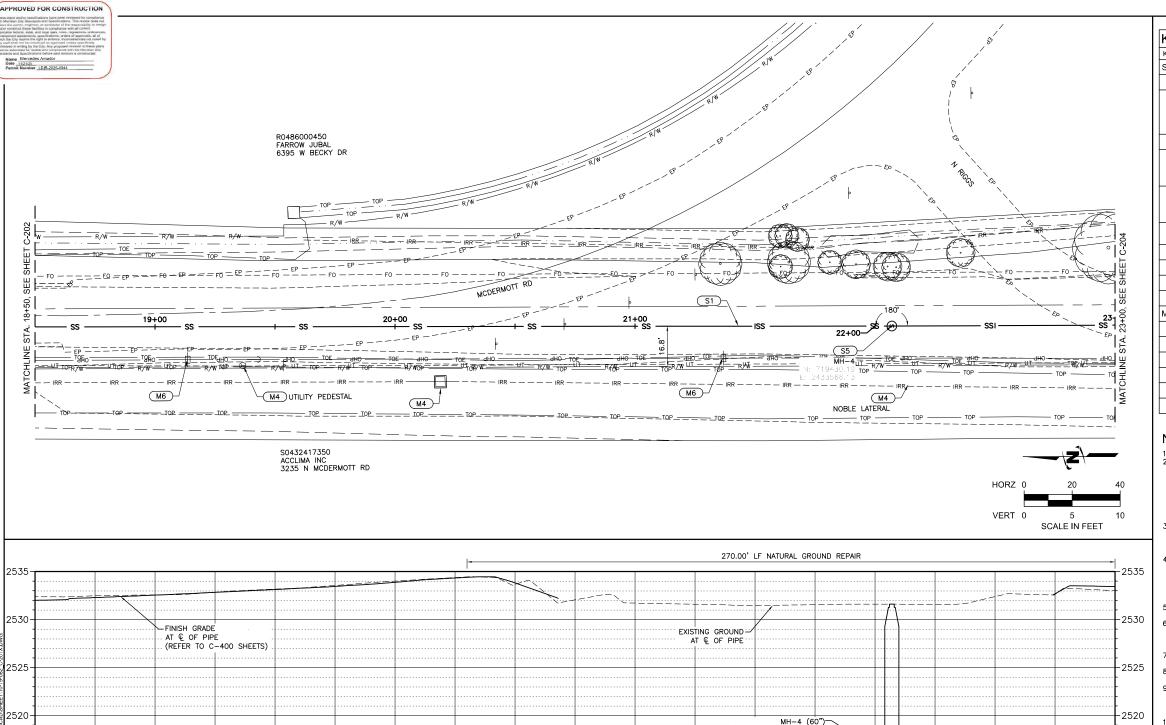
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ONE INCH |

SHEET NUMBER:



11-13-2625



.500 LF 30" PVC @ 0.10%

20+00

20+50

21+00

2510

2505

2500

18+50

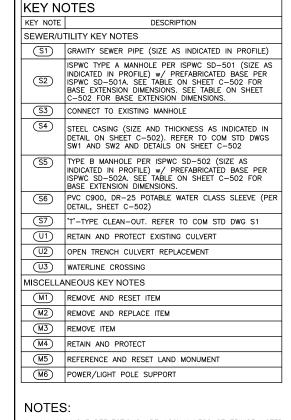
19+00

19+50

STA: 22+07.00, 0.00' RIM: 2531.59 INV IN: 2500.05 30"(S) INV OUT: 2499.95 30"(N)

21+50

22+00



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 DEPTLE OF LITTUITES SHOWN IN THE PROFILE (FOR CRAVITY SEWER
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 BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

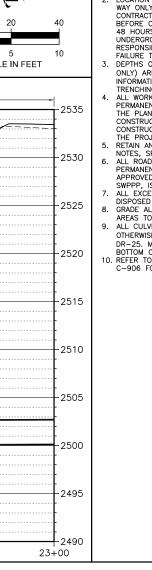
 10. REFER TO SHEETS C-401 THROUGH C-416 AND C-901 THROUGH
 C-906 FOR ROADWAY REPAIR.

J-U-B ENGINEERS, INC. ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise, 8847 11-13-2625 MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO PROFILE SEWER PLAN & DESIGN BY: BRW

ONE INCH |

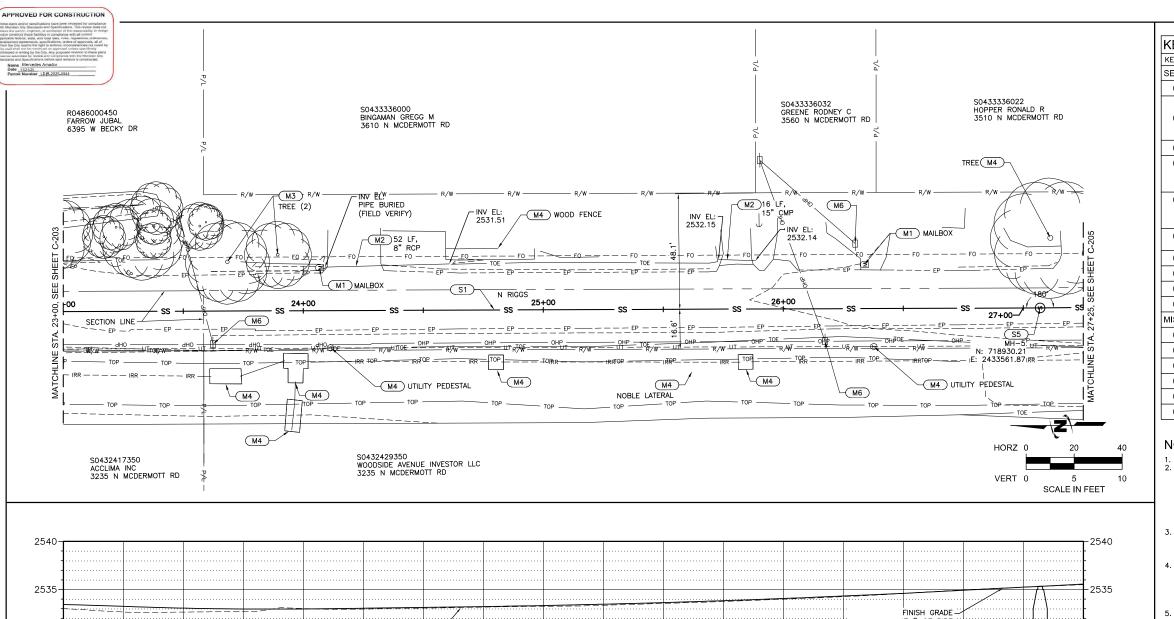
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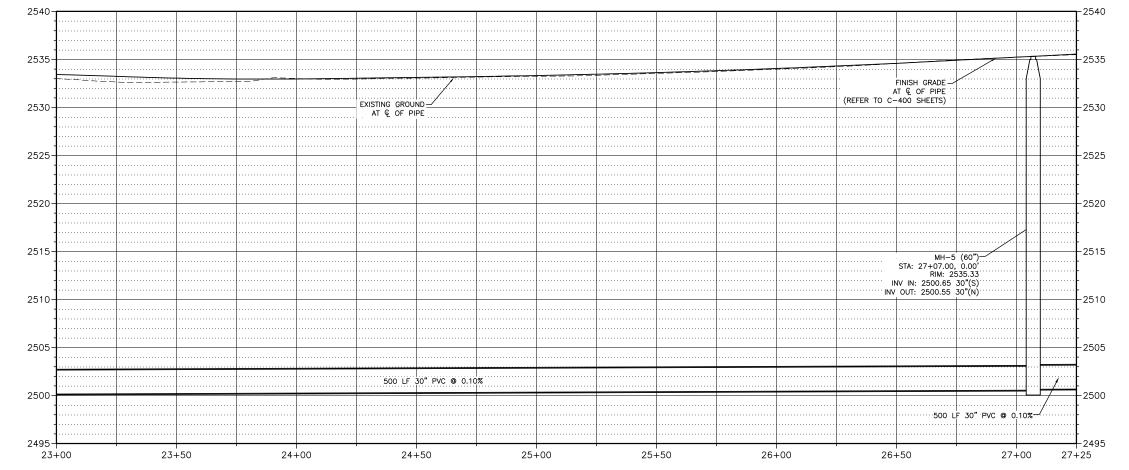
C-203



500 IF 30" PVC @ 0.10%

22+50





KEY NOTES								
KEY NOTE	DESCRIPTION							
SEWER/UTILITY KEY NOTES								
GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE)								
ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE AS INDICATED IN PROFILE) w/ PREFABRICATED BASE PER ISPWC SD-501A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.								
(S3)	CONNECT TO EXISTING MANHOLE							
S4)	STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502							
TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) w/ PREFABRICATED BASE PER ISPWC SD-502A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.								
<u>S6</u>	PVC C900, DR -25 POTABLE WATER CLASS SLEEVE (PE DETAIL, SHEET C -502)							
S7	'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1							
Ū	RETAIN AND PROTECT EXISTING CULVERT							
U2	OPEN TRENCH CULVERT REPLACEMENT							
U3	WATERLINE CROSSING							
MISCELLANEOUS KEY NOTES								
M1	REMOVE AND RESET ITEM							
M2)	REMOVE AND REPLACE ITEM							
M3	REMOVE ITEM							
M4	RETAIN AND PROTECT							
M5	REFERENCE AND RESET LAND MONUMENT							
(M6)	POWER/LIGHT POLE SUPPORT							

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- HE PROJECT:

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 ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE.

 GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES.

 ALL CIVILETY REPLACEMENTS.

- ARLAS IO PREEXISTING GRADES/SLOPES.

 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. REFER TO SHEETS C-401 THROUGH C-416 AND C-901 THROUGH C-906 FOR ROADWAY REPAIR.

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



	SHAI SOLY SOLY	RELISE CO PRANINGS. PLUS SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME THAN FOR THE SUBSON WITHOUT LALES PRIOR WANTER CONSIBIN. ANY REUSE WITHOUT WRITTEN CONSIDIT BY JULB WILL BE A CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO J-U-B.	MND T AND T AITTE WILL SSUR	PYRIC N CON BE AT	HT AND ME SENT CLIENT'S -U-B
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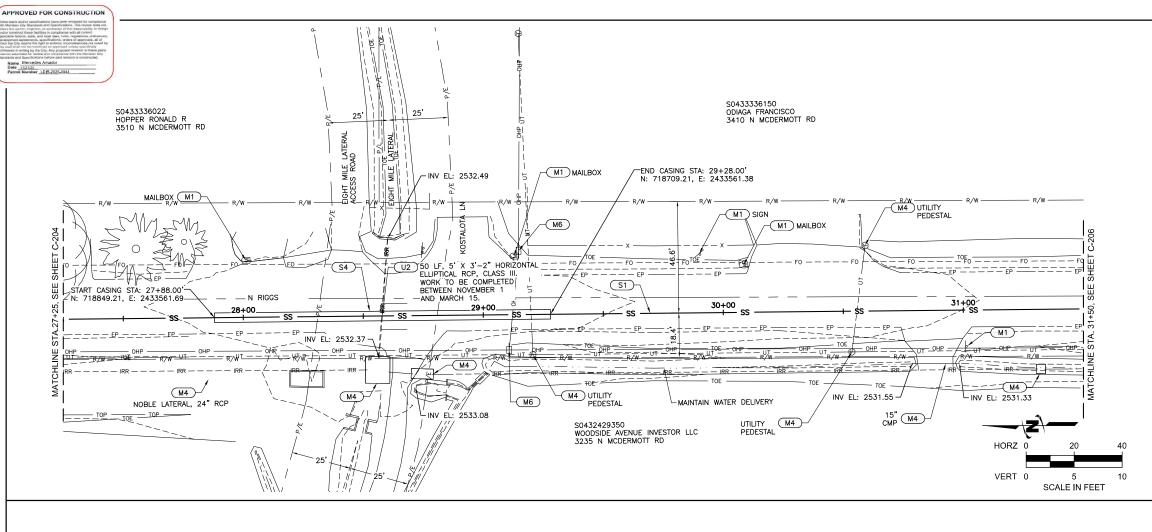
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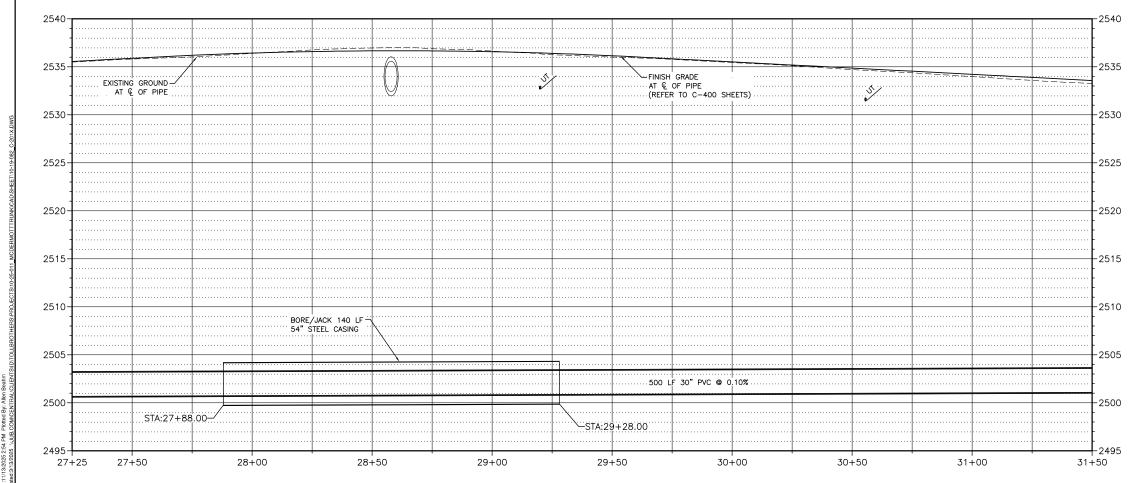
SEWER PLAN & PROFILE

DESIGN BY: BRW

AT FULL SIZE, IF NOT ONE

SHEET NUMBER:





KEY NOTES							
KEY NOTE	DESCRIPTION						
SEWER/U	TILITY KEY NOTES						
S1 GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE)							
ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-501A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.							
<u>S3</u>	CONNECT TO EXISTING MANHOLE						
S4)	STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502						
<u>\$5</u>	TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) w/ PREFABRICATED BASE PER ISPWC SD-502A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.						
<u>\$6</u>	PVC C900, DR -25 POTABLE WATER CLASS SLEEVE (PE DETAIL, SHEET C -502)						
S7	'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1						
U1)	RETAIN AND PROTECT EXISTING CULVERT						
U2	OPEN TRENCH CULVERT REPLACEMENT						
U3)	WATERLINE CROSSING						
MISCELLA	NEOUS KEY NOTES						
M1)	REMOVE AND RESET ITEM						
M2	REMOVE AND REPLACE ITEM						
M3	REMOVE ITEM						
M4	RETAIN AND PROTECT						
M5)	REFERENCE AND RESET LAND MONUMENT						
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 RETAIN AND PROTECT ALL EXISTING FEATURES. REFER TO GENERAL NOTES, SPECIFICATIONS, AND SPECIAL PROVISIONS.

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 8. GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES.

 ALL CULVEPT REPURCHASTING STAGES SPECIFICALLY NOTED.

- 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED
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 BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. REFER TO SHEETS C-401 THROUGH C-416 AND C-901 THROUGH
 C-906 FOR ROADWAY REPAIR.

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



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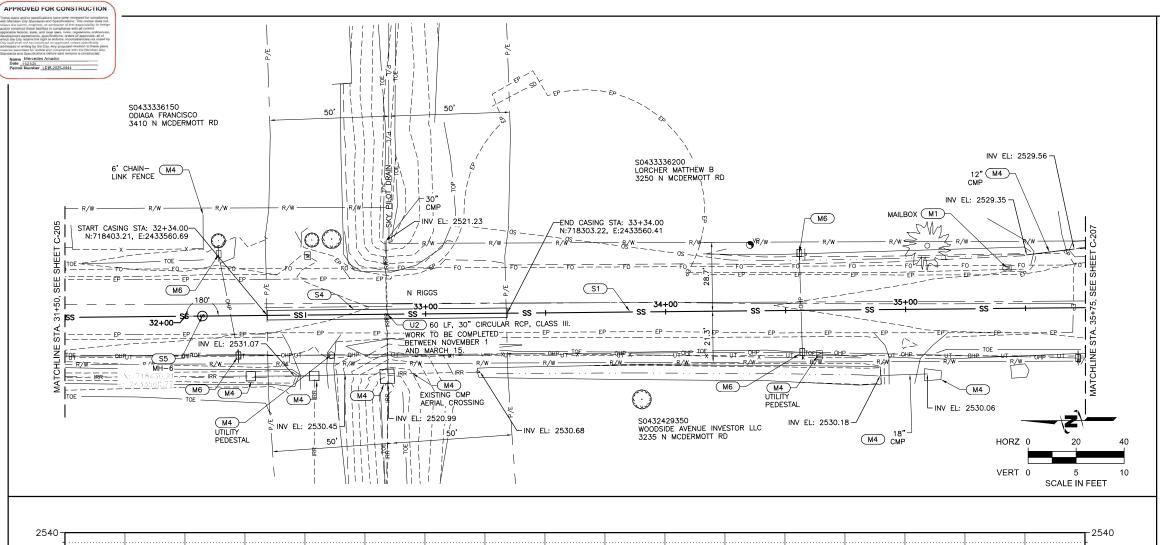
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

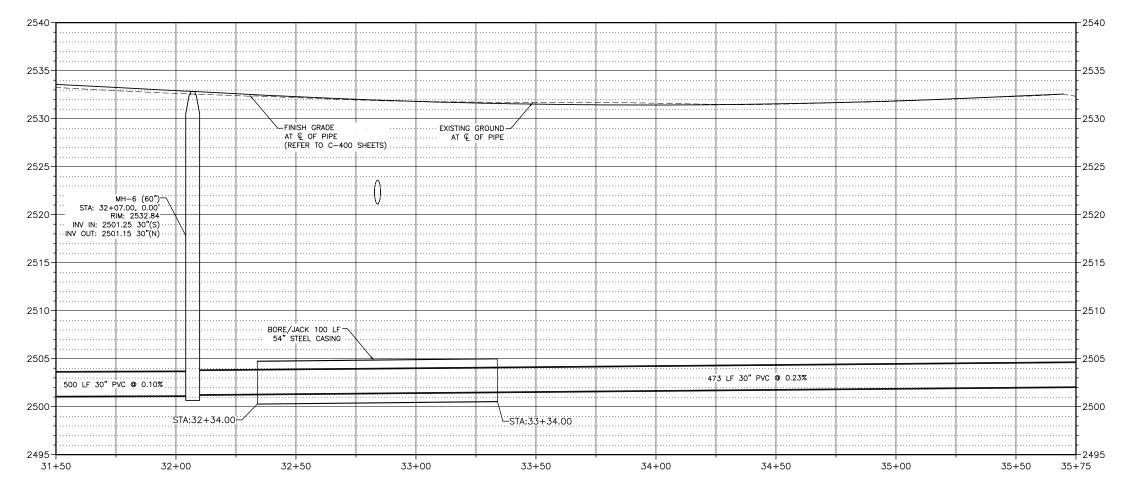
SEWER PLAN & PROFILE

DESIGN BY: BRW

ONE INCH AT FULL SIZE, IF NOT ONE

SHEET NUMBER:





KEY NOTES								
KEY NOTE								
SEWER/U	TILITY KEY NOTES							
<u>S1</u>	GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE)							
ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE INDICATED IN PROFILE) w/ PREFABRICATED BASE PEI ISPWC SD-501A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.								
<u>S3</u>	CONNECT TO EXISTING MANHOLE							
S4) STEEL CASING (SIZE AND THICKNESS AS IN DETAIL ON SHEET C-502). REFER TO COM SW1 AND SW2 AND DETAILS ON SHEET C-								
<u>(\$5)</u>	TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) w/ PREFABRICATED BASE PER ISPWC SD-502A. SEE TABLE ON SHEET C-502 FOR BASE EXTENSION DIMENSIONS.							
<u>S6</u>	PVC C900, DR -25 POTABLE WATER CLASS SLEEVE (PE DETAIL, SHEET C -502)							
S7	'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1							
U1	RETAIN AND PROTECT EXISTING CULVERT							
U2	OPEN TRENCH CULVERT REPLACEMENT							
U3	WATERLINE CROSSING							
MISCELLA	MISCELLANEOUS KEY NOTES							
M1)	REMOVE AND RESET ITEM							
M2	REMOVE AND REPLACE ITEM							
M3)	REMOVE ITEM							
M4)	RETAIN AND PROTECT							
M5)	REFERENCE AND RESET LAND MONUMENT							
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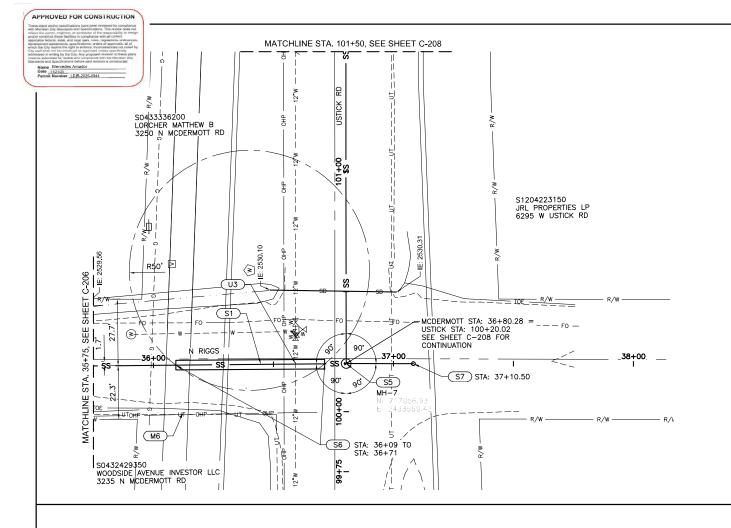
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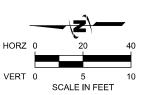
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO SEWER PLAN & PROFILE

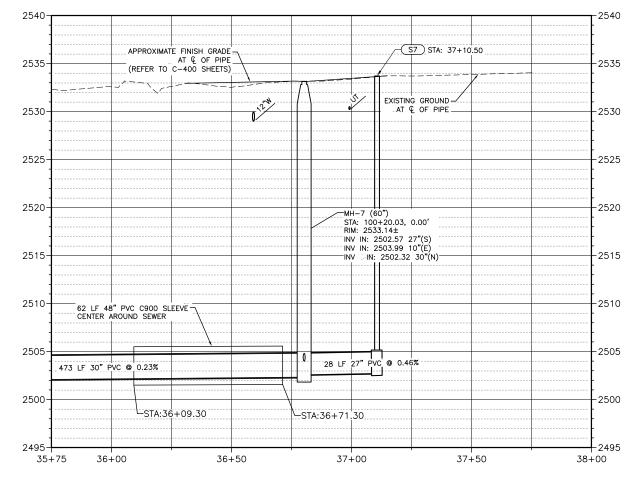
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KEY NOTE	DESCRIPTION						
SEWER/U	TILITY KEY NOTES						
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U1)	RETAIN AND PROTECT EXISTING CULVERT						
U2	OPEN TRENCH CULVERT REPLACEMENT						
U3	WATERLINE CROSSING						
MISCELLANEOUS KEY NOTES							
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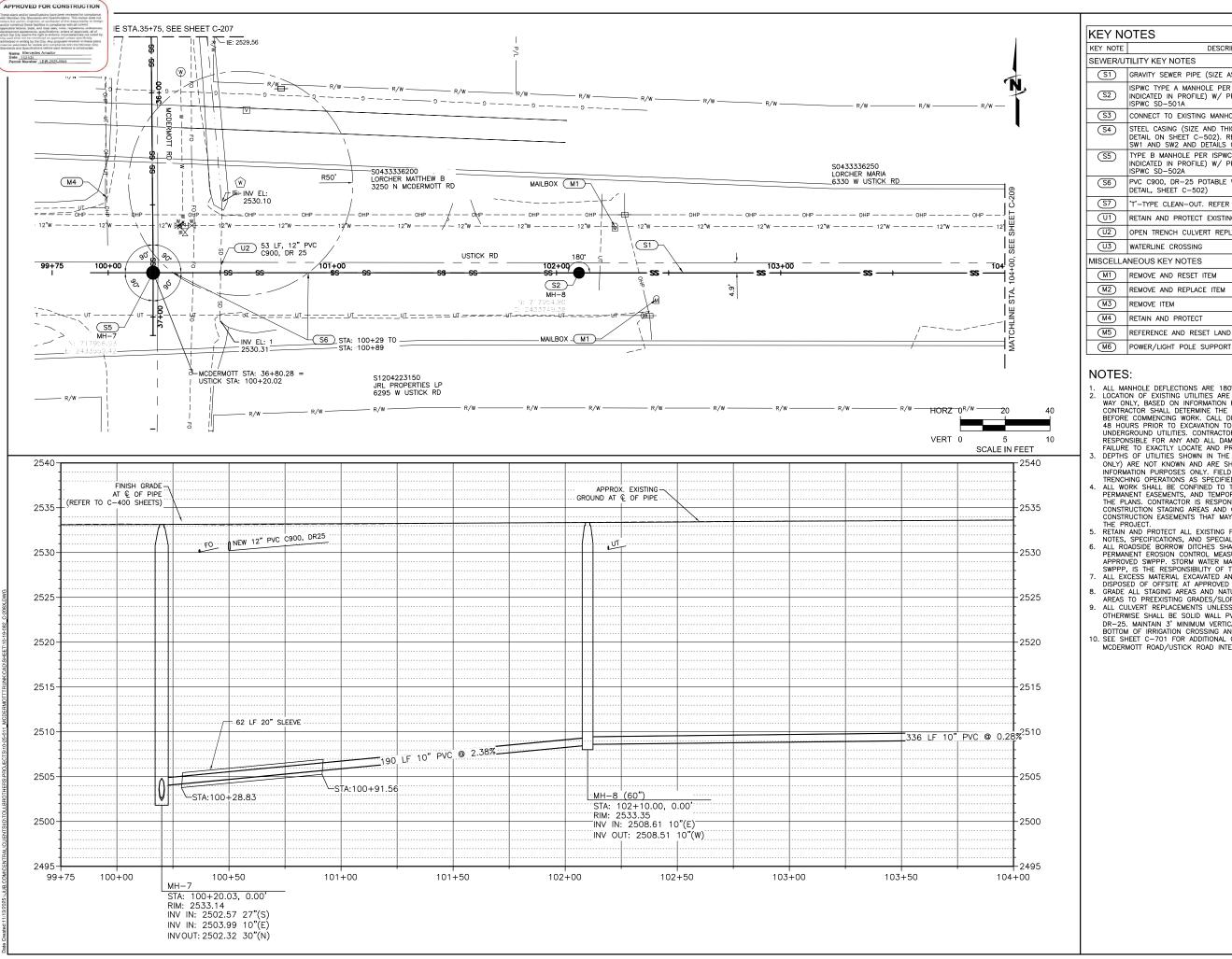
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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO SEWER PLAN & PROFILE

DRAWN BY: ARR DESIGN BY: BRW

ONE INCH = |
AT FULL SIZE, IF NOT ONE

SHEET NUMBER:



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 10. SEE SHEET C-701 FOR ADDITIONAL GRADING INFORMATION AT
- MCDERMOTT ROAD/USTICK ROAD INTERSECTION.

J-U-B ENGINEERS, INC

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



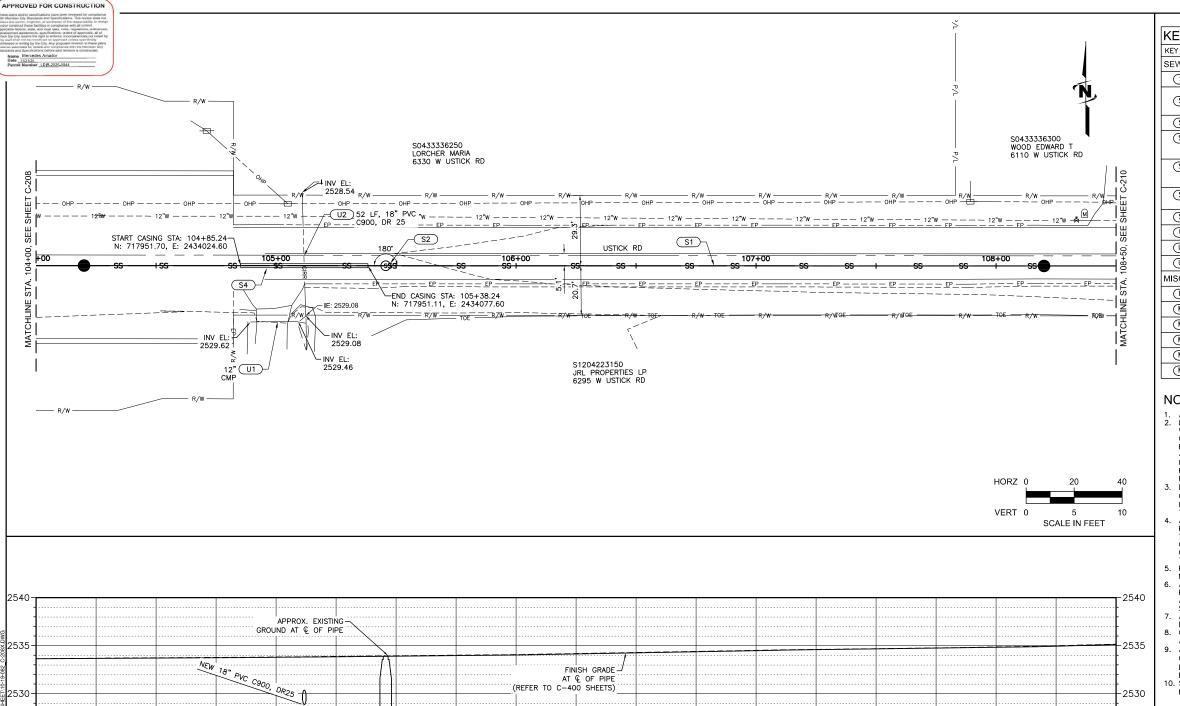
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REUSE OF DRAWINGS	J-U-B SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME	SHALL NOT BE REUSED WITHOUT J-U-B'S PRIOR WRITTEN CONSENT.	ANY REUSE WITHOUT WRITTEN CONSENT BY J.U.B. WILL BE AT CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO J.U.B.	REVISION			NO DESCRIPTION
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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO SEWER PLAN & PROFILE

DESIGN BY: BRW

AT FULL SIZE, IF NOT ONE

SHEET NUMBER:



106+50

2525

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104+00

336 LF 10" PVC @ 0.28%

STA:104+85.24

104+50

- 53 LF 20" SLEEVE

STA:105+38.23-/

105+00

1¢5+50

MH-9 (60")

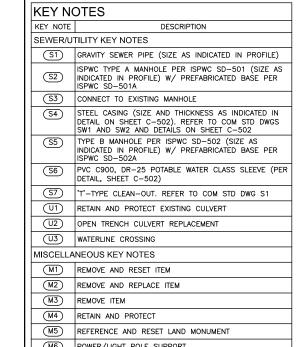
RIM: 2533.89

STA: 105+45.66, 0.00'

INV IN: 2509.65 10"(E)

INV OUT: 2509.55 10"(W)

106+00



NOTES:

-2525

-2520

-2515

-2510

- 2505

108+50

361 LF 10" PVC @ 0.28%

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J-U-B S OTHEF SHALL ANY RI SOLE F MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO SEWER PLAN & PROFILE AT FULL SIZE, IF NOT ONE AST UPDATED: 11/13/ SHEET NUMBER:

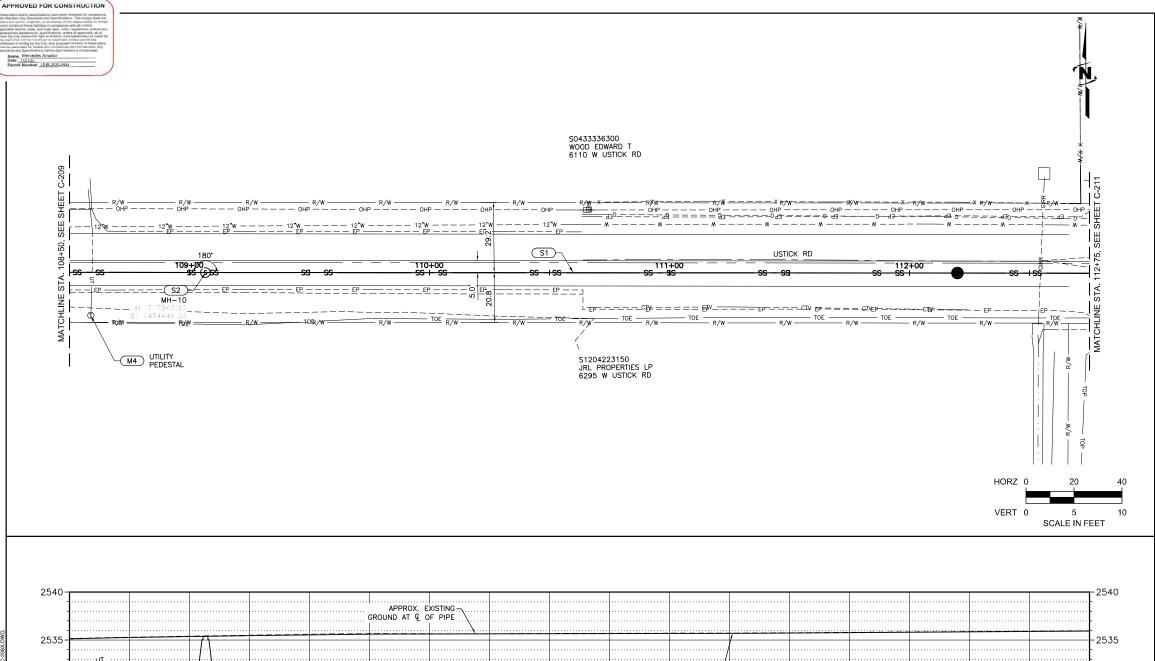
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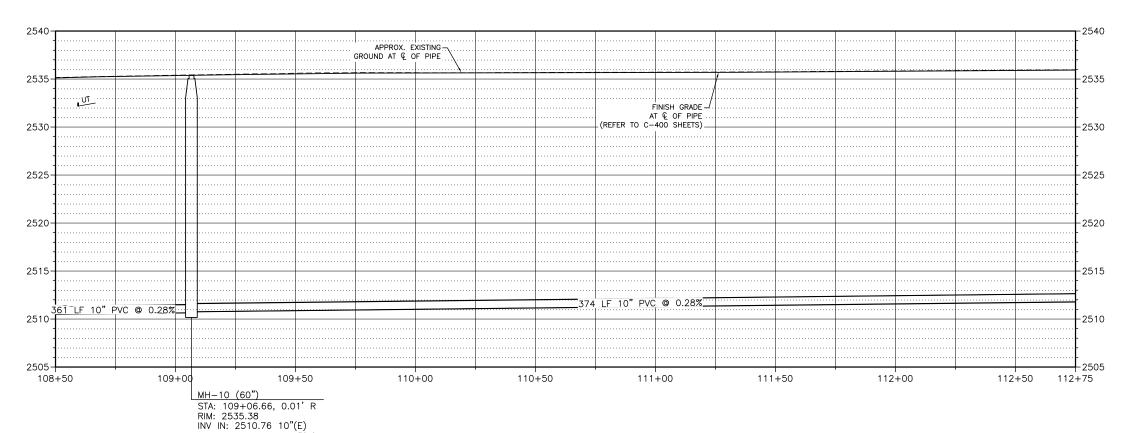
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11-13-2025

DESIGN BY: BRW





INV OUT: 2510.66 10"(W)

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S4)	STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502
<u>\$5</u>	TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-502A
(S6)	PVC C900, DR -25 POTABLE WATER CLASS SLEEVE (PDETAIL, SHEET C -502)
S7	'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1
U1	RETAIN AND PROTECT EXISTING CULVERT
U2	OPEN TRENCH CULVERT REPLACEMENT
U3	WATERLINE CROSSING
MISCELLA	NEOUS KEY NOTES
M1	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
M3	REMOVE ITEM
M4	RETAIN AND PROTECT
M5	REFERENCE AND RESET LAND MONUMENT

NOTES:

1. ALL MANHOLE DEFLECTIONS ARE 180' UNLESS OTHERWISE NOTED.
2. LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY, BASED ON INFORMATION PROVIDED BY THE UTILITIES. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. CALL DIG—LINE, 811, A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION TO REQUEST LOCATIONS OF UNDERGROUND UTILITIES. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
3. DEPTHS OF UTILITIES SHOWN IN THE PROFILE (FOR GRAVITY SEWER ONLY) ARE NOT KNOWN AND ARE SHOWN FOR GENERAL

(M6) POWER/LIGHT POLE SUPPORT

- DEPTHS OF UTILITIES SHOWN IN THE PROFILE (FOR GRAVITY SEWER ONLY) ARE NOT KNOWN AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. FIELD LOCATE UTILITIES AHEAD OF TRENCHING OPERATIONS AS SPECIFIED IN THE GENERAL NOTES. ALL WORK SHALL BE CONFINED TO THE RIGHTS—OF—WAYS, PERMANENT EASEMENTS, AND TEMPORARY EASEMENTS SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR SECURING ANY CONSTRUCTION STAND ATTICE THE PLANS AND
- THE PLANS. CONTRACTOR IS RESPONSIBLE FOR SECURING ANY CONSTRUCTION STAGING AREAS AND OTHER TEMPORARY CONSTRUCTION EASEMENTS THAT MAY BE REQUIRED TO CONSTRUCT THE PROJECT.

 RETAIN AND PROTECT ALL EXISTING FEATURES. REFER TO GENERAL NOTES, SPECIFICATIONS, AND SPECIAL PROVISIONS.

 ALL ROADSIDE BORROW DITCHES SHALL INCLUDE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY PER THE APPROVED SWPPP, STORM WATER MANAGEMENT, INCLUDING THE SWPPP, IS THE RESPONSIBILITY OF THE CONTRACTOR.

 ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE.

 READE ALL STAGING APPEAS AND NATINGLE GROUND SURFACE REPAIR

- 8. GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES. 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED
- OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3 MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. SEE SHEET C-701 FOR ADDITIONAL GRADING INFORMATION AT
- MCDERMOTT ROAD/USTICK ROAD INTERSECTION.

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944

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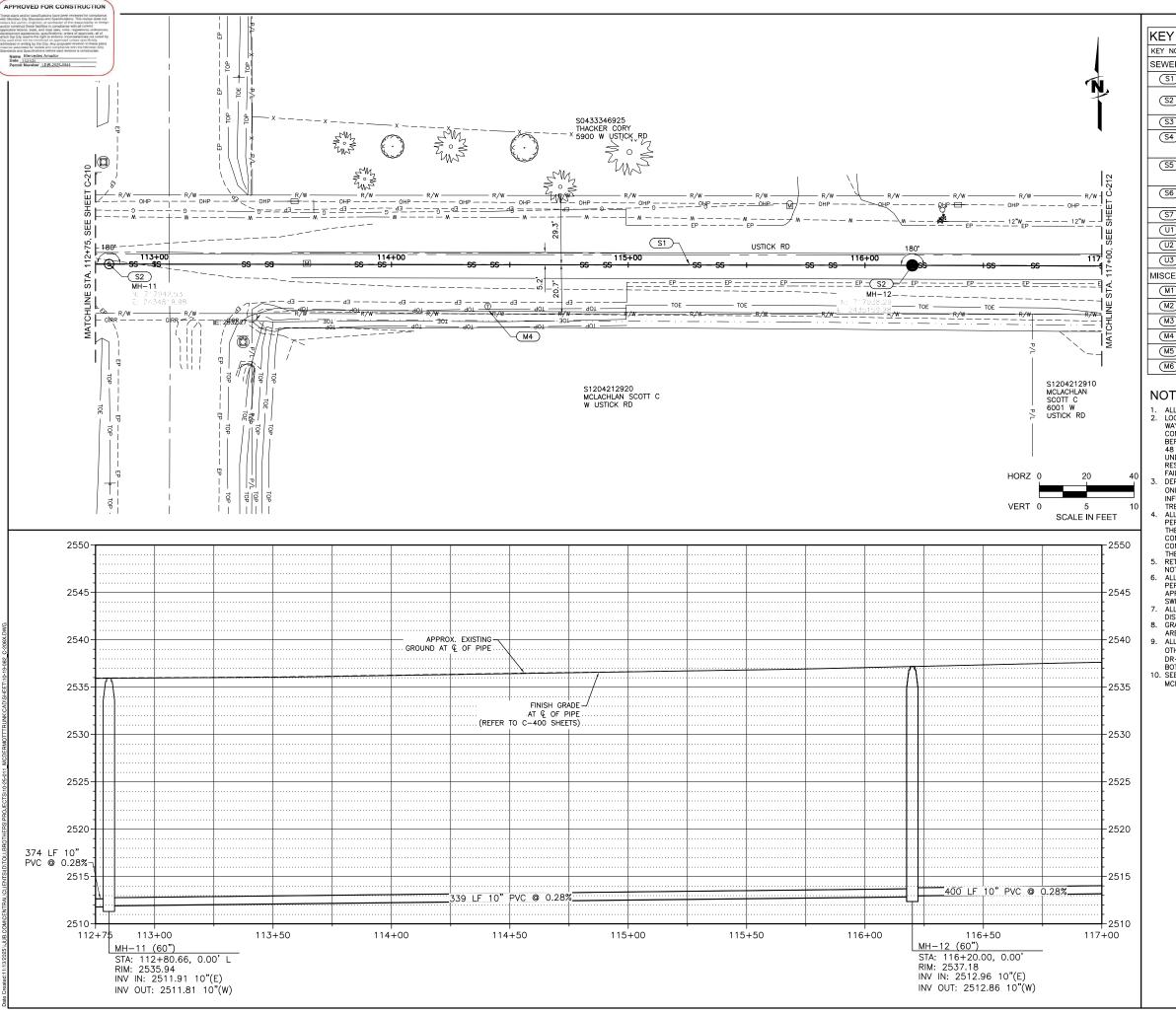
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

SEWER PLAN & PROFILE

RAWN BY: ARR ESIGN BY: BRW

ONE INCH -| AT FULL SIZE, IF NOT ONE

SHEET NUMBER:



KEY NOTE	DESCRIPTION
SEWER/U	TILITY KEY NOTES
S1)	GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE)
(S2)	ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE A INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-501A
S3	CONNECT TO EXISTING MANHOLE
S4	STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502
<u>S5</u>	TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-502A
<u>\$6</u>	PVC C900, DR -25 POTABLE WATER CLASS SLEEVE (PDETAIL, SHEET C -502)
S7	'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1
U1	RETAIN AND PROTECT EXISTING CULVERT
U2	OPEN TRENCH CULVERT REPLACEMENT
U3	WATERLINE CROSSING
MISCELLA	NEOUS KEY NOTES
M1	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
(M3)	REMOVE ITEM
M4	RETAIN AND PROTECT
M5	REFERENCE AND RESET LAND MONUMENT
(M6)	POWER/LIGHT POLE SUPPORT

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 3. DEPTHS OF UTILITIES SHOWN IN THE PROFILE (FOR GRAVITY SEWER ONLY) ARE NOT KNOWN AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY, FIELD LOCATE UTILITIES ALEAD OF
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 ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE.
- GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES. 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED
- OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

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J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944

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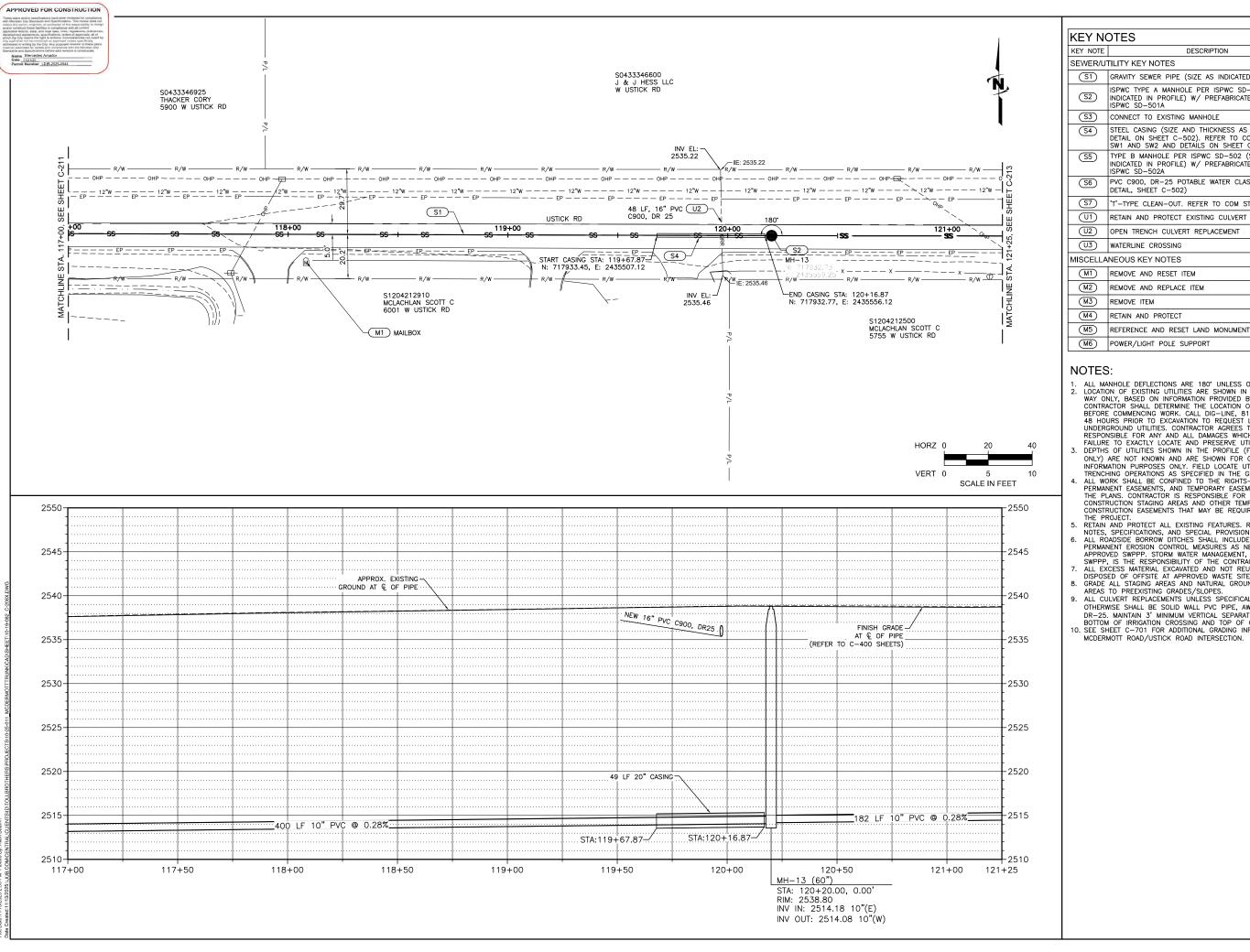
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

SEWER PLAN & PROFILE

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DESCRIPTION SEWER/UTILITY KEY NOTES GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE) ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-501A CONNECT TO EXISTING MANHOLE STEEL CASING (SIZE AND THICKNESS AS INDICATED IN DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502 TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER PVC C900, DR-25 POTABLE WATER CLASS SLEEVE (PER DETAIL, SHEET C-502) 'T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1 RETAIN AND PROTECT EXISTING CULVERT OPEN TRENCH CULVERT REPLACEMENT WATERLINE CROSSING MISCELLANEOUS KEY NOTES REMOVE AND RESET ITEM REMOVE AND REPLACE ITEM REMOVE ITEM RETAIN AND PROTECT

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 10. SEE SHEET C-701 FOR ADDITIONAL GRADING INFORMATION AT
- MCDERMOTT ROAD/USTICK ROAD INTERSECTION.

J-U-B ENGINEERS, INC

ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EI 250 S. I Boise,



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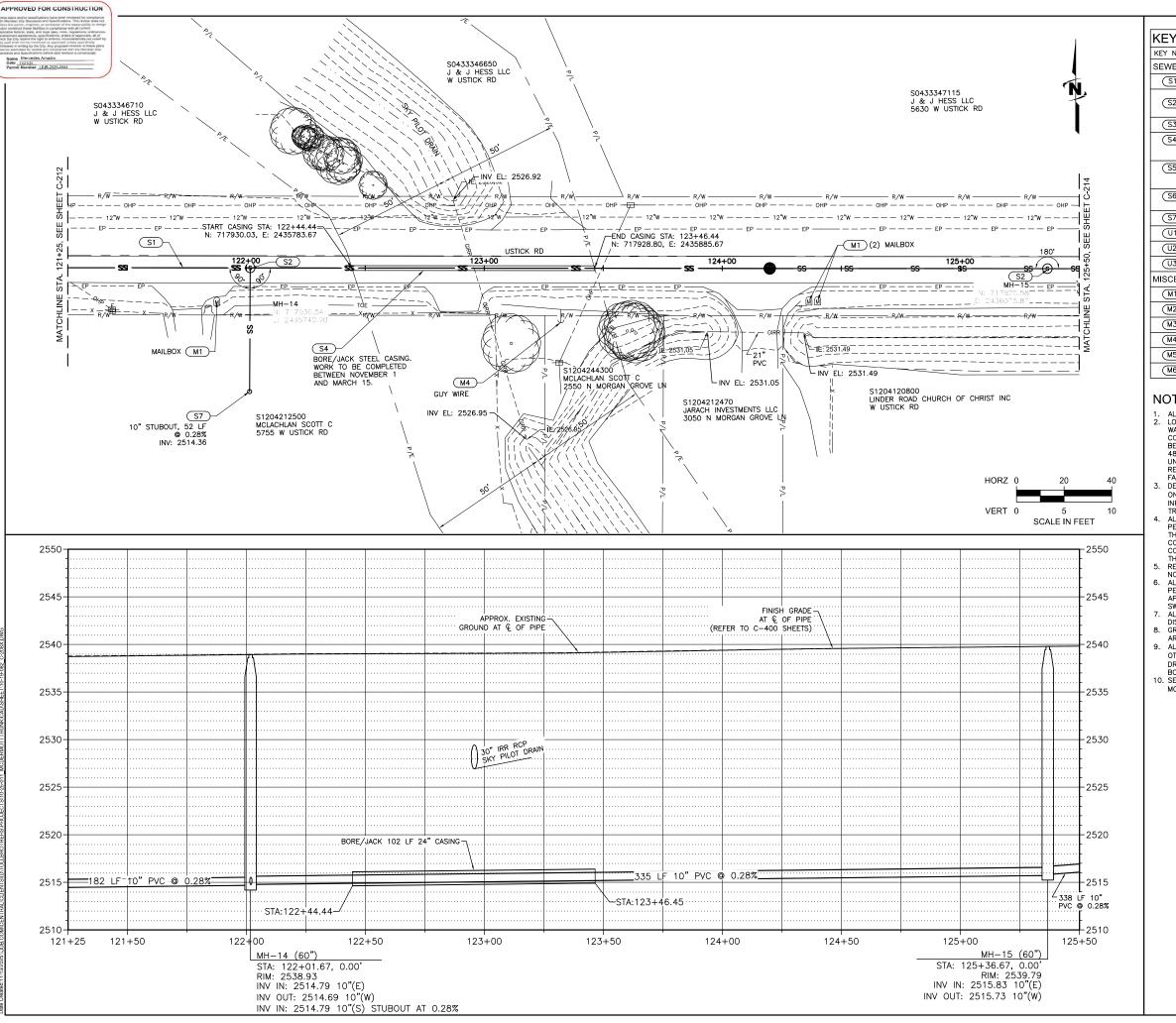
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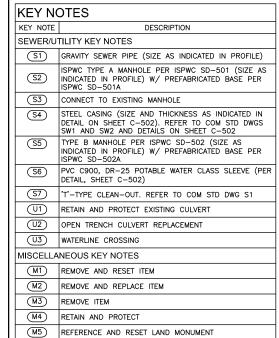
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POWER/LIGHT POLE SUPPORT

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- 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. SEE SHEET C-701 FOR ADDITIONAL GRADING INFORMATION AT
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J-U-B ENGINEERS, INC

ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EI 250 S. I Boise,



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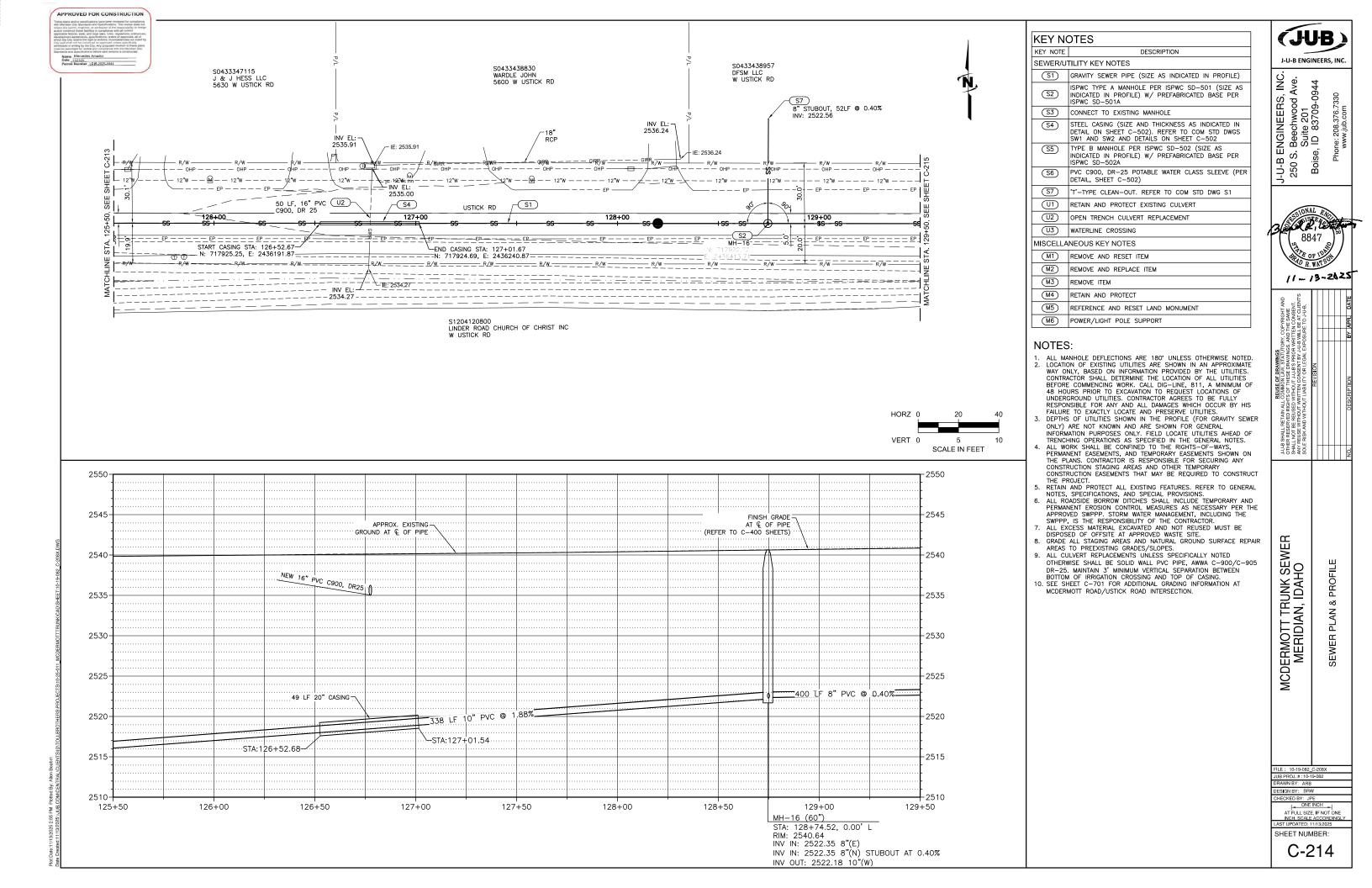
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APPROVED FOR CONSTRUCTION **KEY NOTES** KEY NOTE DESCRIPTION Name Mercedes Amador
Date 11/21/25
Permit Number LDIR-2025-0044 SEWER/UTILITY KEY NOTES S0433438957 DFSM LLC W USTICK RD GRAVITY SEWER PIPE (SIZE AS INDICATED IN PROFILE) ISPWC TYPE A MANHOLE PER ISPWC SD-501 (SIZE AS INDICATED IN PROFILE) W/ PREFABRICATED BASE PER ISPWC SD-501A CONNECT TO EXISTING MANHOLE STEEL CASING (SIZE AND THICKNESS AS INDICATED IN INV EL: -2537.57 DETAIL ON SHEET C-502). REFER TO COM STD DWGS SW1 AND SW2 AND DETAILS ON SHEET C-502 TYPE B MANHOLE PER ISPWC SD-502 (SIZE AS 50 LF, 12" PVC U2 INDICATED IN PROFILE) W/ PREFABRICATED BASE PER C900, DR 25 PVC C900, DR-25 POTABLE WATER CLASS SLEEVE (PER DETAIL, SHEET C-502) — R/W ----- OHP ---- OHP ---- OHP ---- OHP --- OHP - 12"W - - - - - 12"W - - - - 12"W --- 12"W ---- 12"W S7 T'-TYPE CLEAN-OUT. REFER TO COM STD DWG S1 -- EP ---- EP ---- EP -RETAIN AND PROTECT EXISTING CULVERT OPEN TRENCH CULVERT REPLACEMENT USTICK RD 131+00 130+00 (U3) WATERLINE CROSSING MISCELLANEOUS KEY NOTES N---EP ---- EP ----- EP $\overline{M1}$ REMOVE AND RESET ITEM - - START CASING STA: 130+81.73 END CASING STA: 131+29.73 N: 717919.81, E: 2436668.90. N: 717920.36, E: 2436620.90 (M2) REMOVE AND REPLACE ITEM REMOVE ITEM $\overline{M4}$ -⊢INV EL: RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT S1204120800 LINDER ROAD CHURCH OF CHRIST INC W USTICK RD NOTES: ALL MANHOLE DEFLECTIONS ARE 180' UNLESS OTHERWISE NOTED.
 LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY, BASED ON INFORMATION PROVIDED BY THE UTILITIES. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. CALL DIG-LINE, 811, A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION TO REQUEST LOCATIONS OF UNDERGROUND UTILITIES. CONTRACTOR AGREES TO BE FULLY PESSONSIBLE FOR ANY AND ALL TAMACES WHICH OCCULB BY HIS RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.

3. DEPTHS OF UTILITIES SHOWN IN THE PROFILE (FOR GRAVITY SEWER HORZ 0 20 ONLY) ARE NOT KNOWN AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY, FIELD LOCATE UTILITIES AHEAD OF TRENCHING OPERATIONS AS SPECIFIED IN THE GENERAL NOTES.
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5. RETAIN AND PROTECT ALL EXISTING FEATURES. REFER TO GENERAL NOTES, SPECIFICATIONS, AND SPECIAL PROVISIONS.

6. ALL ROADSIDE BORROW DITOHES SHALL INCLUDE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY PER THE 2545 -2545 APPROX. EXISTING APPROVED SWPPP. STORM WATER MANAGEMENT, INCLUDING THE SWPPP, IS THE RESPONSIBILITY OF THE CONTRACTOR.

ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE. GROUND AT & OF PIPE GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES. NEW 12" PVC C900, DR25 , 2540 -2540 9. ALL CULVERT REPLACEMENTS LINESS SPECIFICALLY NOTED OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING. 10. SEE SHEET C-701 FOR ADDITIONAL GRADING INFORMATION AT AT Q OF PIPE (REFER TO C-400 SHEETS) 2535 -2535 MCDERMOTT ROAD/USTICK ROAD INTERSECTION. 2530 -2530 48 LF 20" CASING-2525 -2525 383 TF-8" PVC @ 0.60% 400 IF 8" PVC @ 0.40% STA:130+81.73 `_STA:131+29.73` 2520 -2520 2515 -2515 -2510 2510 130+00 130+50 131+00 131 + 50132+00 132+50 133+00 133+50 129+50 MH-17 (60") STA: 132+74.52, 0.01' R RIM: 2541.89 INV IN: 2524.05 8"(E)

INV OUT: 2523.95 8"(W)

J-U-B ENGINEERS, INC

ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944

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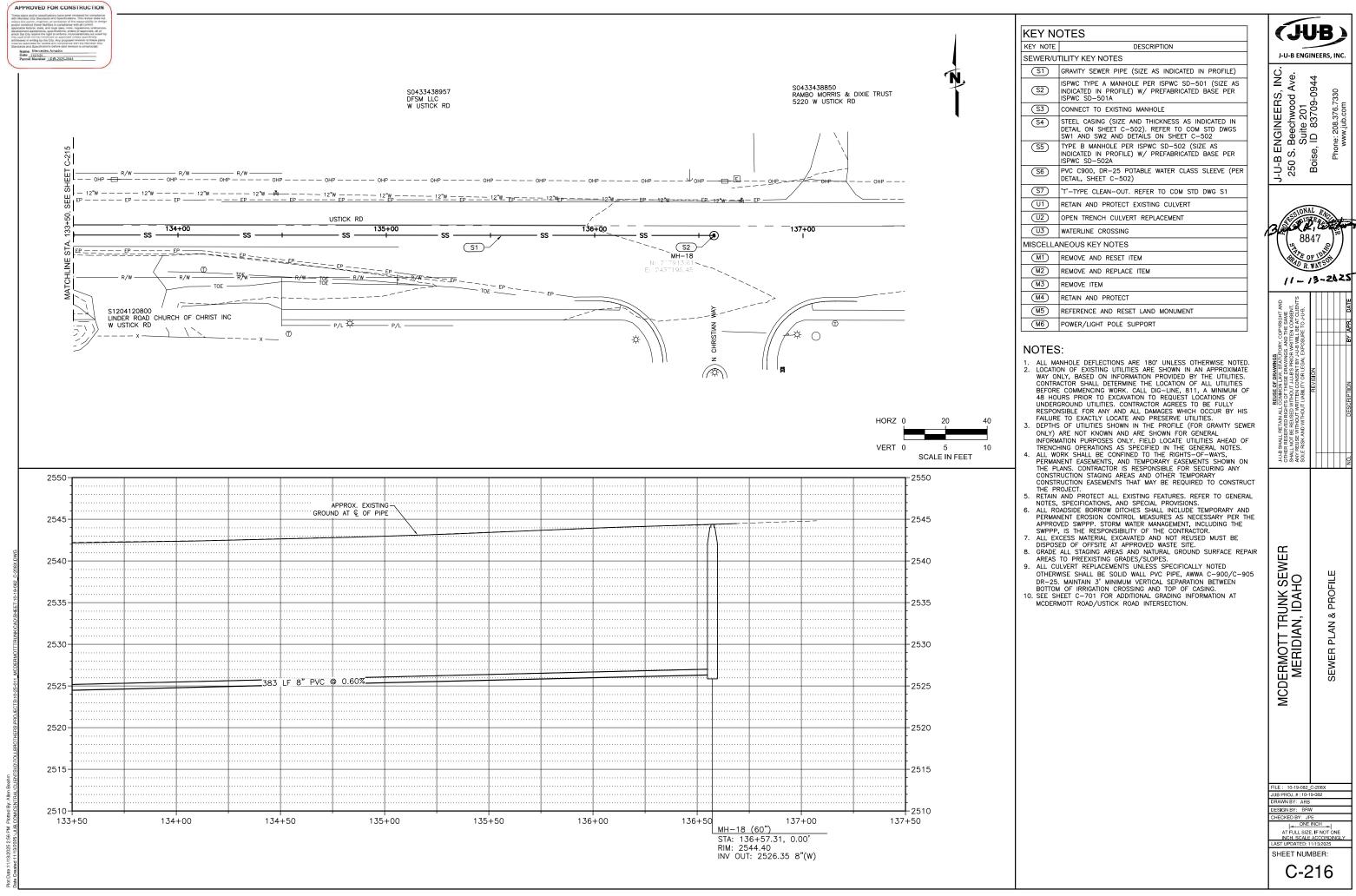
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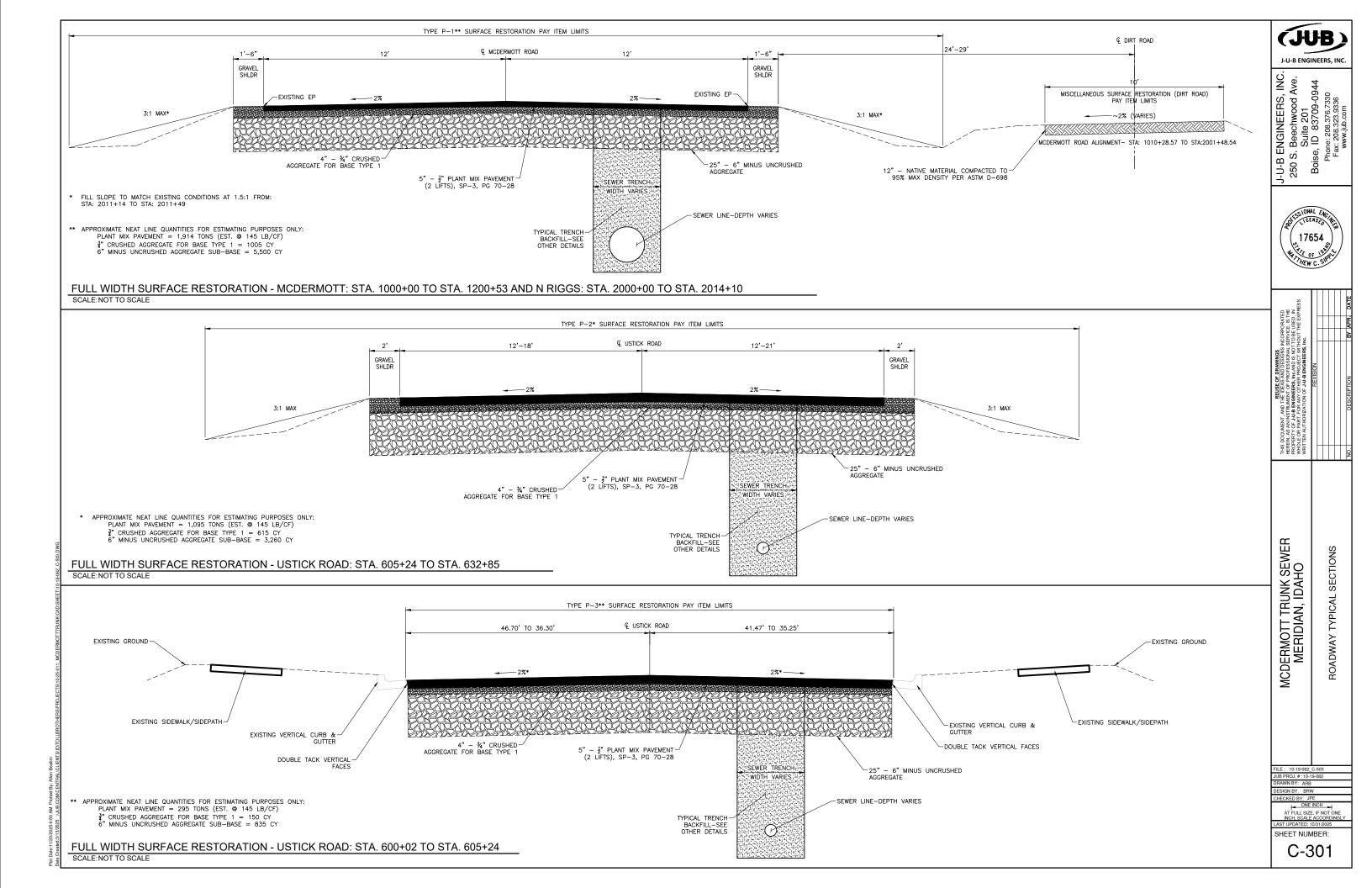
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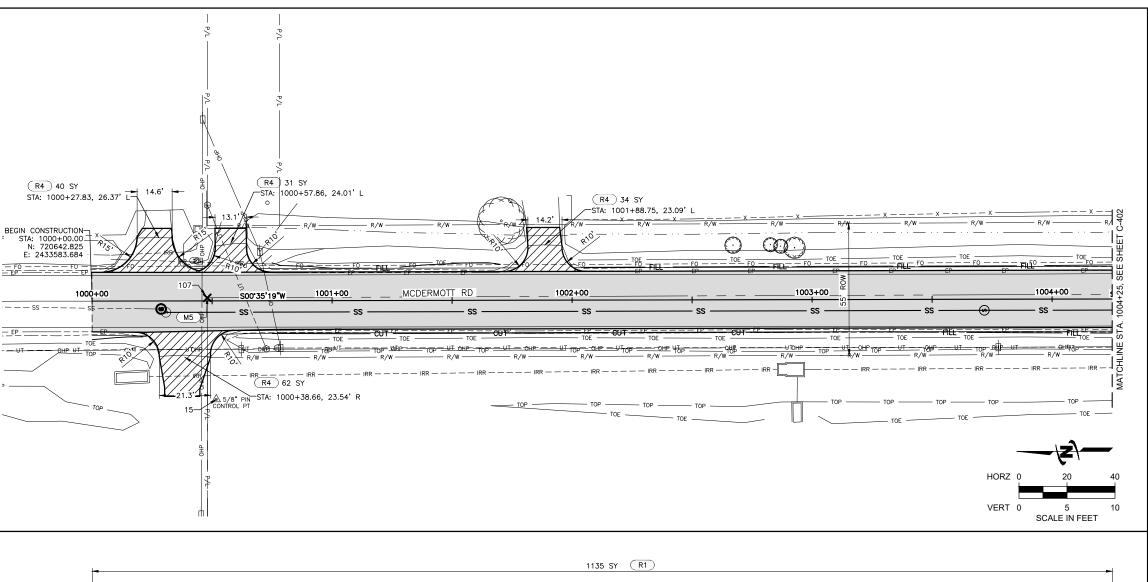
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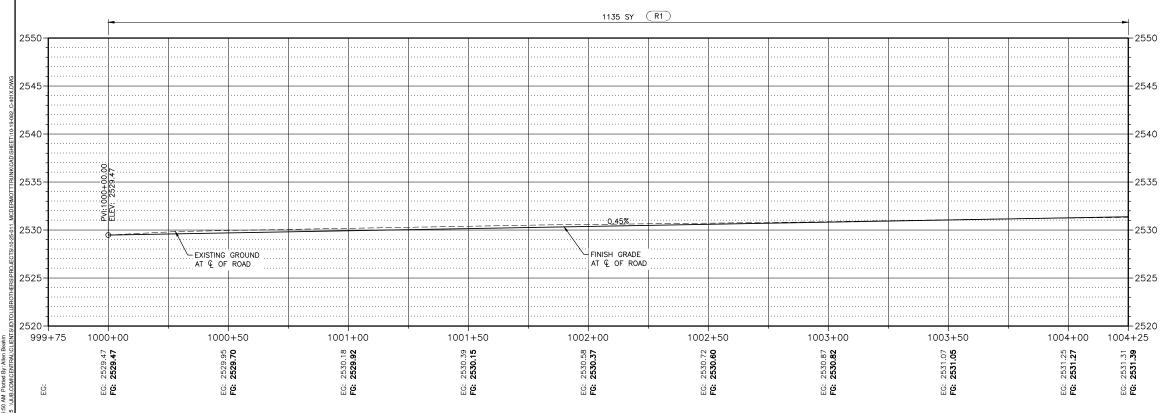
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KEY NO	OTES
KEY NOTE	DESCRIPTION
SURFACE	REPAIR KEY NOTES
R1	FULL WIDTH SURFACE RESTORATION
R4	PAVED DRIVEWAY APPROACH
R5	MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD)
R6	TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH
R7	VALVE BOX, ADJUST TO GRADE
(R8)	CONCRETE SIDEWALK, THICKNESS 5"
R9	STANDARD 6-INCH VERTICAL CURB & GUTTER
MISCELLA	NEOUS KEY NOTES
M1)	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
M3)	REMOVE ITEM
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- 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED ALL COLVERT REPLACEMENTS STREET STREET TOTAL TOTAL OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN
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 10. EXISTING CENTERLINE PROFILE SHALL BE SURVEYED PRIOR TO DEMOLITION OF USTICK ROAD. A COPY OF THIS SURVEY SHALL BE PROVIDED TO THE ENGINEER. ITD AND SH-16 CONSTRUCTION IS IN PROGRESS AT THE TIME OF BIDDING OF THIS PROJECT. CHANGES TO THE ROADWAY PROFILE ON USTICK ROAD MAY BE REQUIRED BY THE ENGINEER UPON RECEIPT OF EXISTING CENTERLINE INFORMATION

LEGEND

FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1

PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5

(GRAVEL APPROACH) ITEM NO. 307.4.1.A.9

TYPE "C" SURFACE RESTORATION

RAWN BY: ARB SIGN BY: BRW ONE INCH =

MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

PLAN & PROFILE

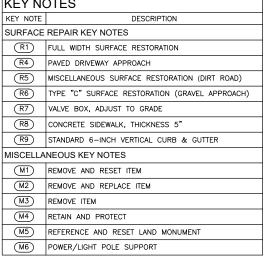
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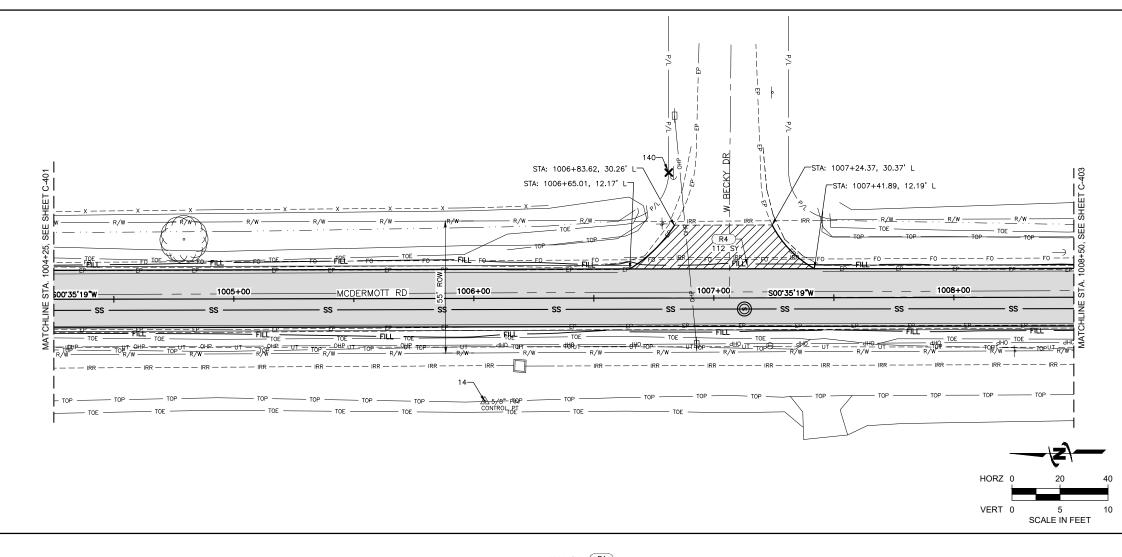
J-U-B ENGINEERS, INC.

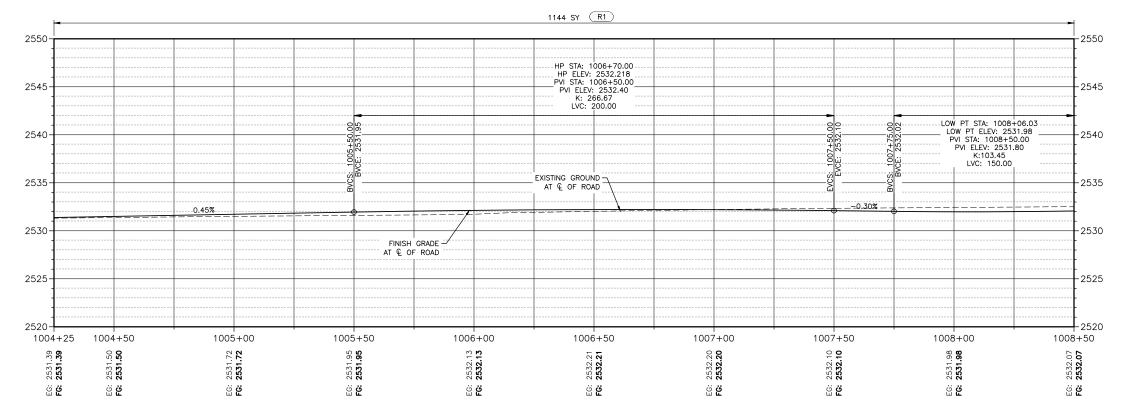
J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944

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SHEET NUMBER:







KEY NOTES KEY NOTE DESCRIPTION SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION (R4) PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) (R7) VALVE BOX, ADJUST TO GRADE CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM REMOVE AND REPLACE ITEM $\overline{M3}$ REMOVE ITEM (M4)RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION



J-U-B ENGINEERS, INC

ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,



MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

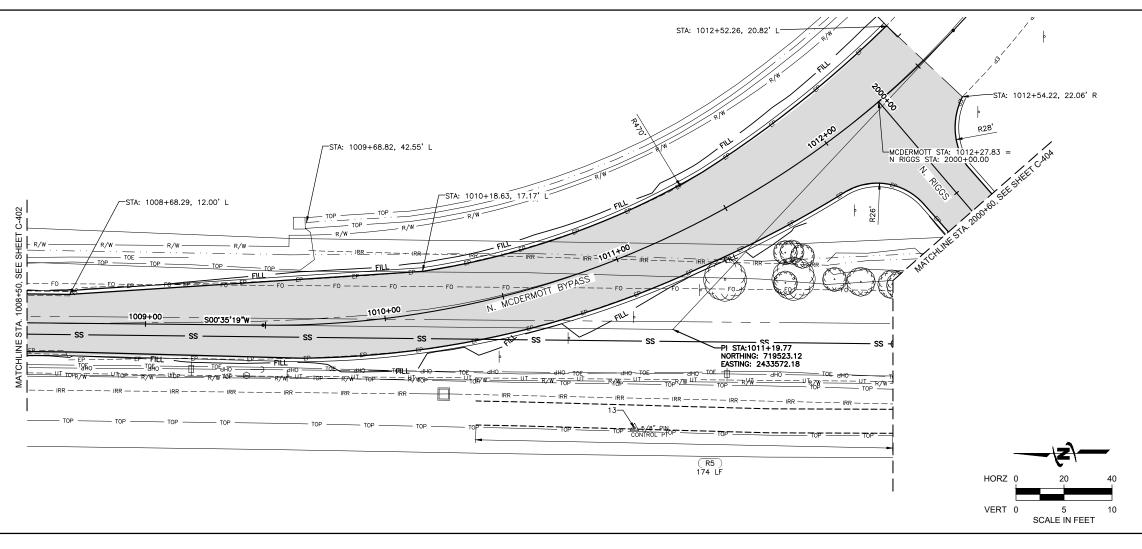
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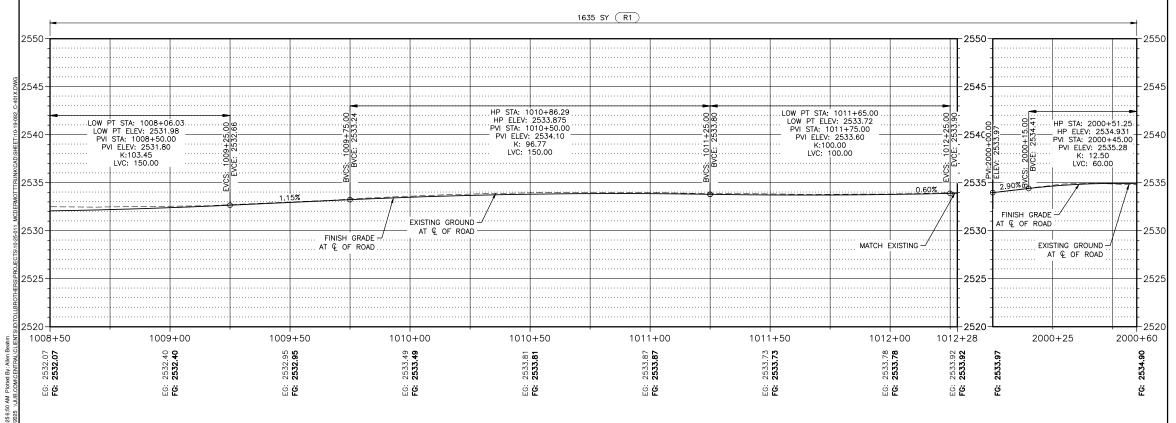
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KEY NOTES DESCRIPTION KEY NOTE SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION (R4) PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) (R7) VALVE BOX, ADJUST TO GRADE (R8) CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM (M2) REMOVE AND REPLACE ITEM (M3) REMOVE ITEM (M4)RETAIN AND PROTECT (M5) REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND

FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1

TYPE "C" SURFACE RESTORATION

PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5

J-U-B ENGINEERS, INC

ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,

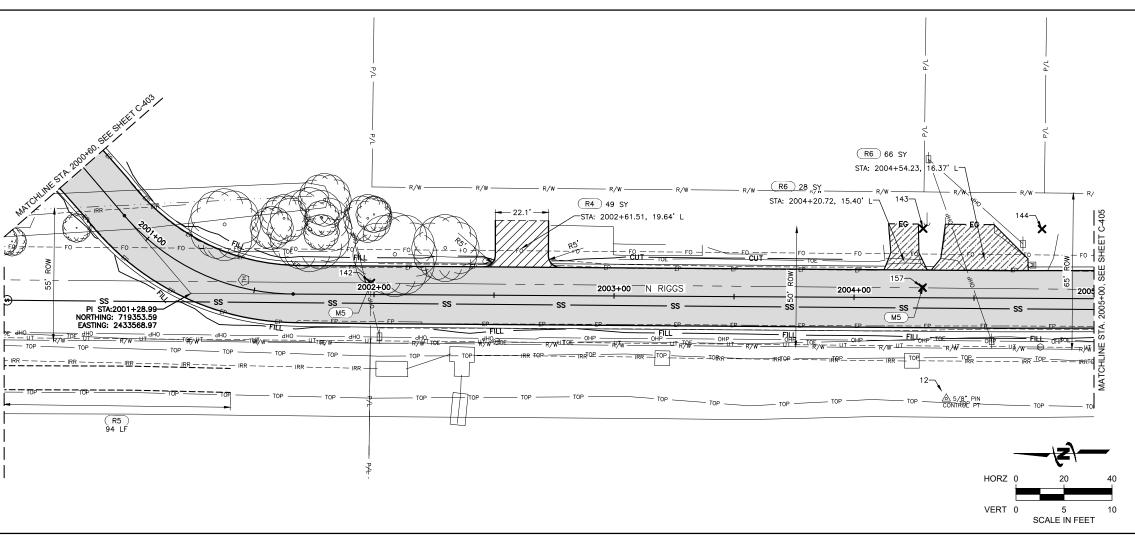


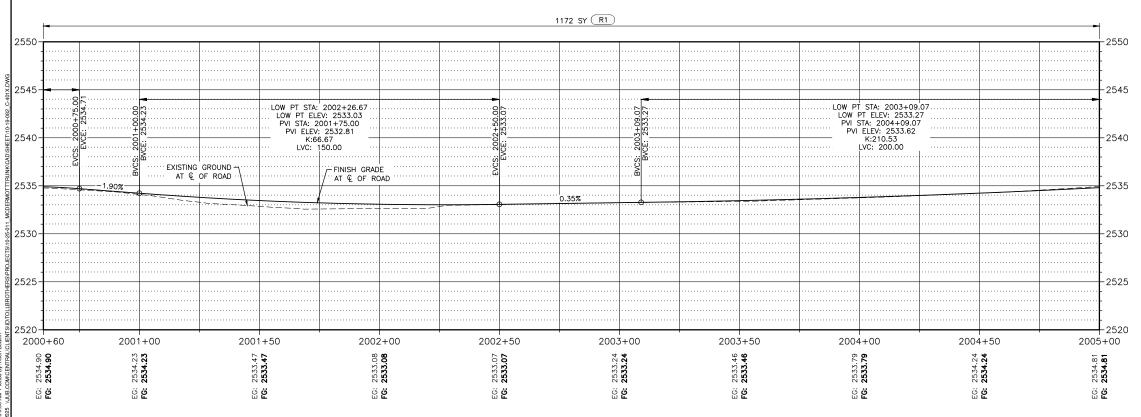
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO PROFILE PLAN & F

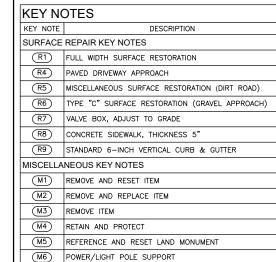
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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION

J-U-B ENGINEERS, INC.

S ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,



J-US SHALL RETAIN LET CÖMNÖLLIN STATITÖREN, COPPRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL NOT BE REUBSOW MITHOUT LUBES PRORN WINDER THE CONSIGNT. SOLE RISK AND WITHOUT UNBILLITY OR LEGAL EXPOSIBLE TO J-U-B. REVISION REVISION NO. DESCRIPTION BY THE BY JAPPE.						
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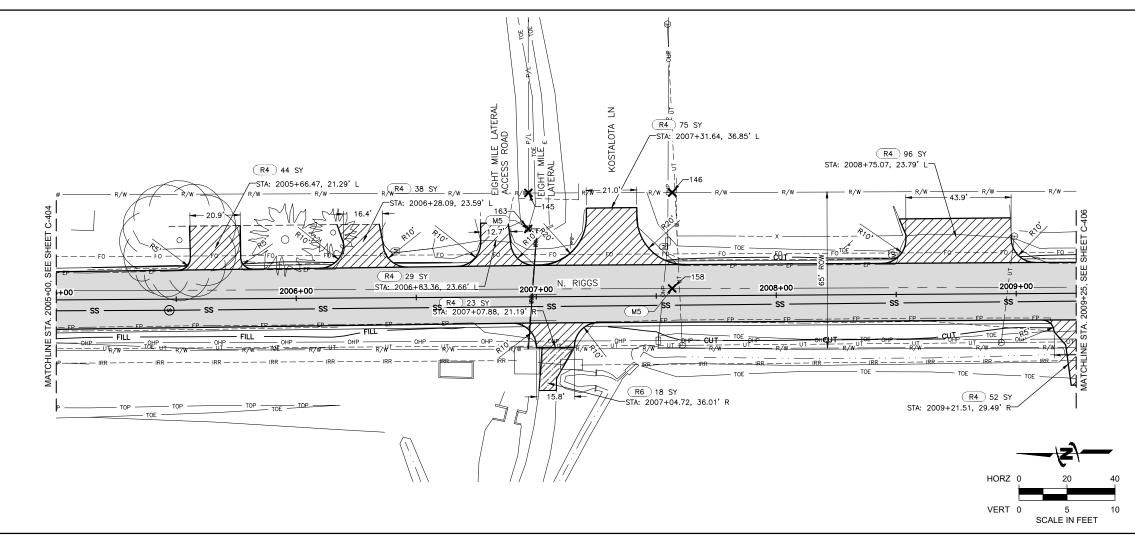
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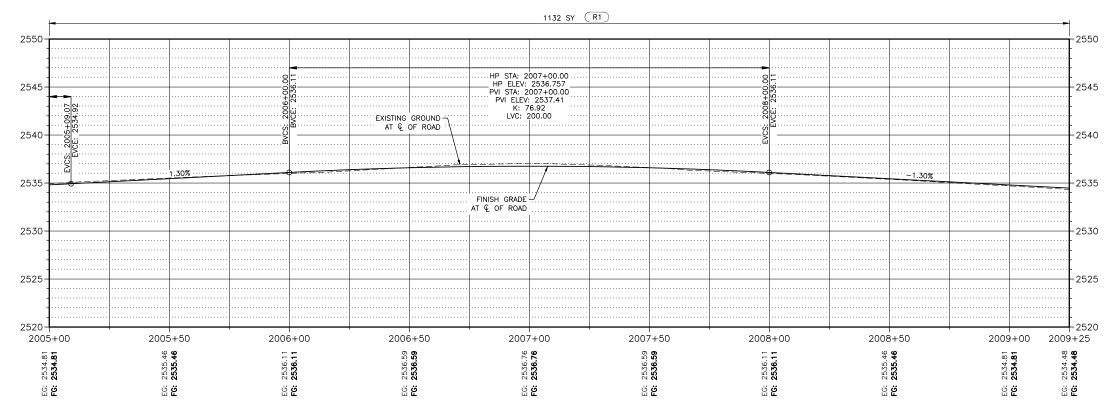
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KEY NOTES KEY NOTE DESCRIPTION SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) VALVE BOX, ADJUST TO GRADE CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM REMOVE AND REPLACE ITEM $\overline{M3}$ REMOVE ITEM (M4) RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH)



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MCDERMOTT TRUNK SEWER
MERIDIAN, IDAHO
ROADWAY PLAN & PROFILE

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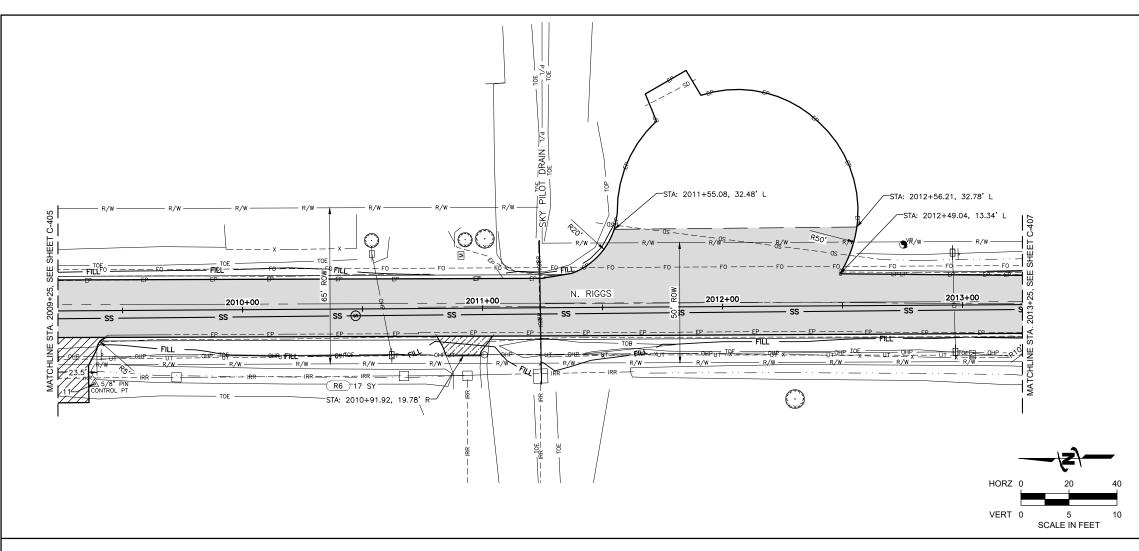
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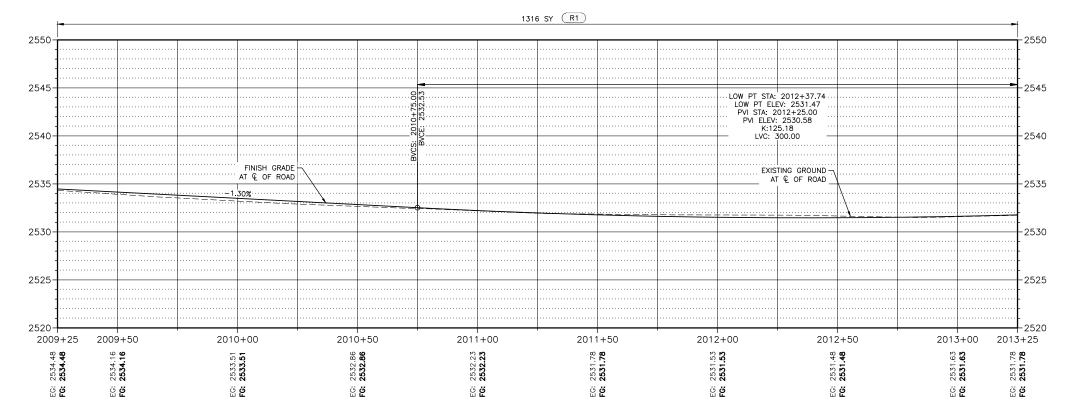
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KEY NOTES KEY NOTE DESCRIPTION SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION (R4) PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) (R7) VALVE BOX, ADJUST TO GRADE (R8) CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM (M2) REMOVE AND REPLACE ITEM $\overline{M3}$ REMOVE ITEM (M4)RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION

J-U-B ENGINEERS, INC

S ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,



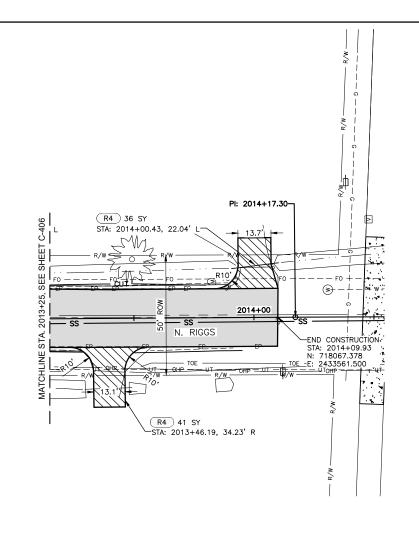
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

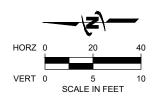
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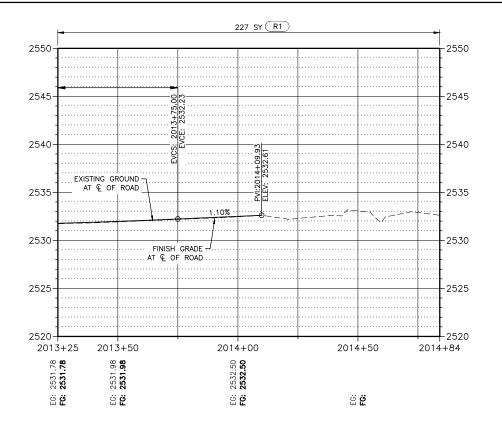
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KEY NOTE	DESCRIPTION
SURFACE	REPAIR KEY NOTES
R1)	FULL WIDTH SURFACE RESTORATION
R4	PAVED DRIVEWAY APPROACH
R5	MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD)
R6	TYPE "C" SURFACE RESTORATION (GRAVEL APPROACE
(R7)	VALVE BOX, ADJUST TO GRADE
R8	CONCRETE SIDEWALK, THICKNESS 5"
R9	STANDARD 6-INCH VERTICAL CURB & GUTTER
MISCELLA	NEOUS KEY NOTES
M1)	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
(M3)	REMOVE ITEM
M4)	RETAIN AND PROTECT
M5)	REFERENCE AND RESET LAND MONUMENT
(M6)	POWER/LIGHT POLE SUPPORT

- NOTES:

 1. ALL MANHOLE DEFLECTIONS ARE 180' UNLESS OTHERWISE NOTED.
 2. LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY, BASED ON INFORMATION PROVIDED BY THE UTILITIES. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES. BEFORE COMMENCING WORK. CALL DIG-LINE, 811, A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION TO REQUEST LOCATIONS OF UNDERGROUND UTILITIES. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UTILITIES.
 3. DEPTHS OF UTILITIES SHOWN IN THE PROFILE (FOR GRAVITY SEWER ONLY) ARE NOT KNOWN AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. FIELD LOCATE UTILITIES AHEAD OF TRENCHING OPERATIONS AS SPECIFIED IN THE GENERAL NOTES.
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- THE PROJECT.
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 6. ALL ROADSIDE BORROW DITCHES SHALL INCLUDE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES AS NECESSARY PER THE APPROVED SWPPP. STORM WATER MANAGEMENT, INCLUDING THE SWPPP, IS THE RESPONSIBILITY OF THE CONTRACTOR.

 7. ALL EXCESS MATERIAL EXCAVATED AND NOT REUSED MUST BE DISPOSED OF OFFSITE AT APPROVED WASTE SITE.

 8. GRADE ALL STAGING AREAS AND NATURAL GROUND SURFACE REPAIR AREAS TO PREEXISTING GRADES/SLOPES.

 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED

- AREAS TO PREEXISTING GRADES/SLOPES.

 9. ALL CULVERT REPLACEMENTS UNLESS SPECIFICALLY NOTED OTHERWISE SHALL BE SOLID WALL PVC PIPE, AWWA C-900/C-905 DR-25. MAINTAIN 3' MINIMUM VERTICAL SEPARATION BETWEEN BOTTOM OF IRRIGATION CROSSING AND TOP OF CASING.

 10. EXISTING CENTERLINE PROFILE SHALL BE SURVEYED PRIOR TO DEMOLITION OF USTICK ROAD. A COPY OF THIS SURVEY SHALL BE PROVIDED TO THE ENGINEER. ITD AND SH-16 CONSTRUCTION IS IN PROCRESS AT THE TIME OF BIDDING OF THIS PROJECT. CHANGES TO THE ROADWAY PROFILE ON USTICK ROAD MAY BE REQUIRED BY THE ENGINEER UPON RECEIPT OF EXISTING CENTERLINE INFORMATION.

LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) ITEM NO. 307.4.1.A.9



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



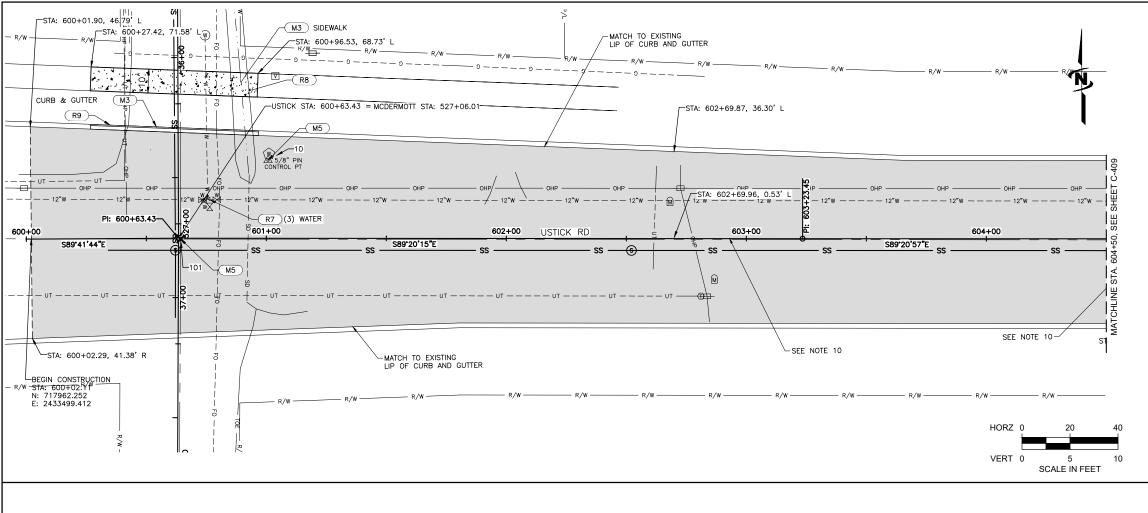
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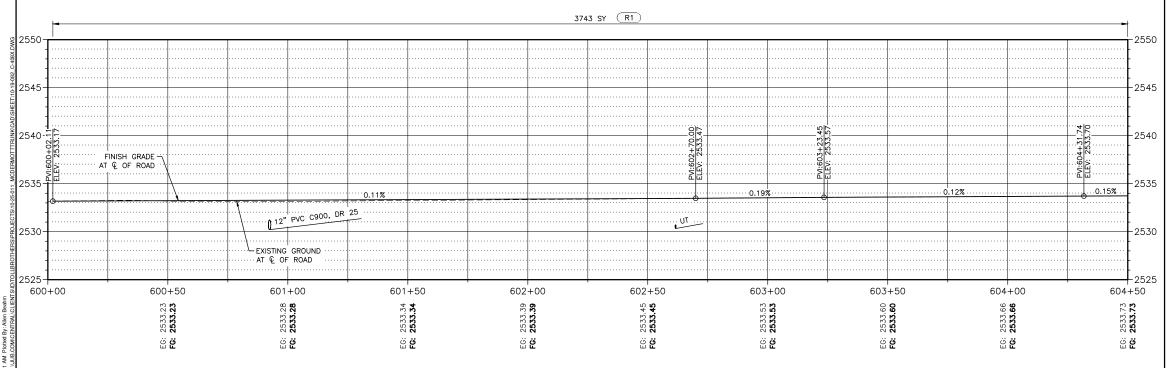
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO PLAN & PROFILE

RAWN BY: ARB ESIGN BY: BRW

ONE INCH = LAST UPDATED: 11/1

SHEET NUMBER:





KEY NOTE	DESCRIPTION
SURFACE	REPAIR KEY NOTES
R1	FULL WIDTH SURFACE RESTORATION
R4	PAVED DRIVEWAY APPROACH
R5	MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD)
R6	TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH
R7	VALVE BOX, ADJUST TO GRADE
R8	CONCRETE SIDEWALK, THICKNESS 5"
R9	STANDARD 6-INCH VERTICAL CURB & GUTTER
MISCELL	ANEOUS KEY NOTES
M1	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
M3	REMOVE ITEM
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LEGEND

FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1

PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5

TYPE "C" SURFACE RESTORATION

J-U-B ENGINEERS, INC J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944

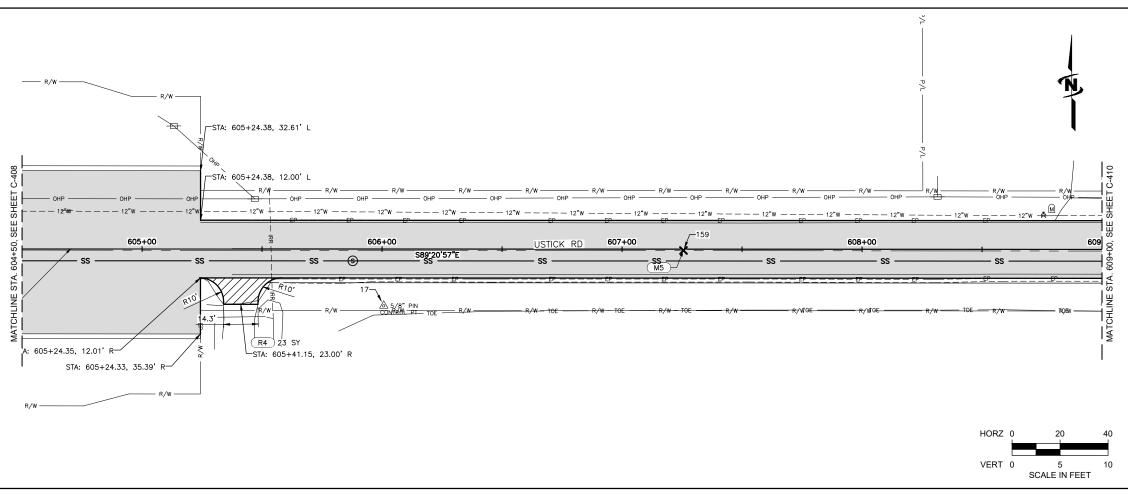
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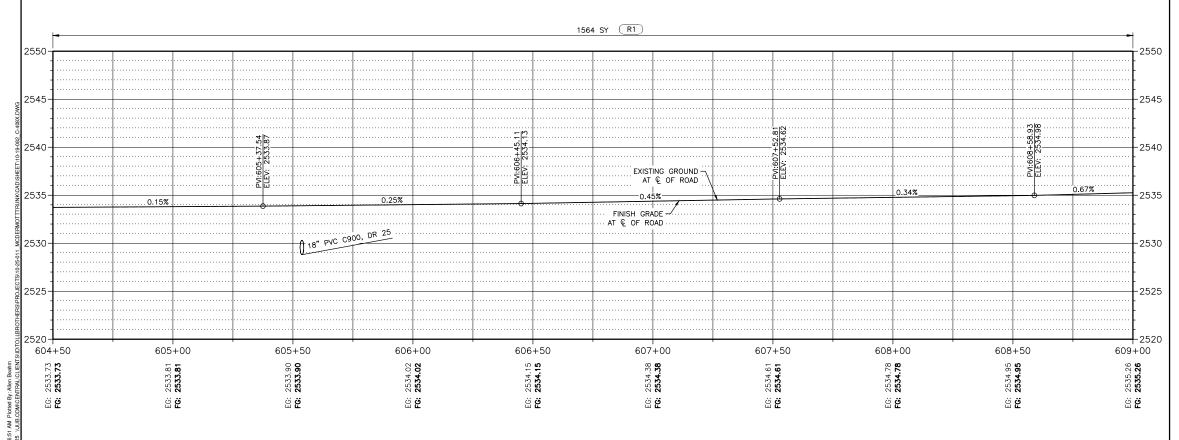
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

RAWN BY: ARB SIGN BY: BRW

ONE INCH = AST UPDATED: 10/3 SHEET NUMBER: C-408

PLAN & PROFILE





KEY N	OTES
KEY NOTE	DESCRIPTION
SURFACE	REPAIR KEY NOTES
R1	FULL WIDTH SURFACE RESTORATION
R4	PAVED DRIVEWAY APPROACH
R5	MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD)
R6	TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH
R7	VALVE BOX, ADJUST TO GRADE
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MISCELL	ANEOUS KEY NOTES
M1)	REMOVE AND RESET ITEM
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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) ITEM NO. 307.4.1.A.9



J-U-B ENGINEERS, INC

S ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 Boise, J-U-B EN 250 S. E



MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

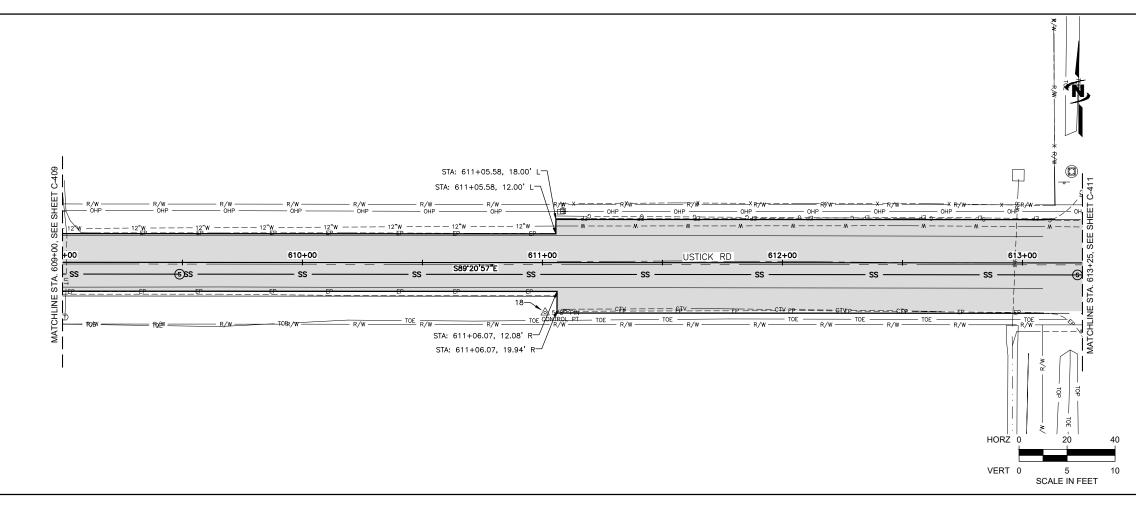
PLAN & PROFILE

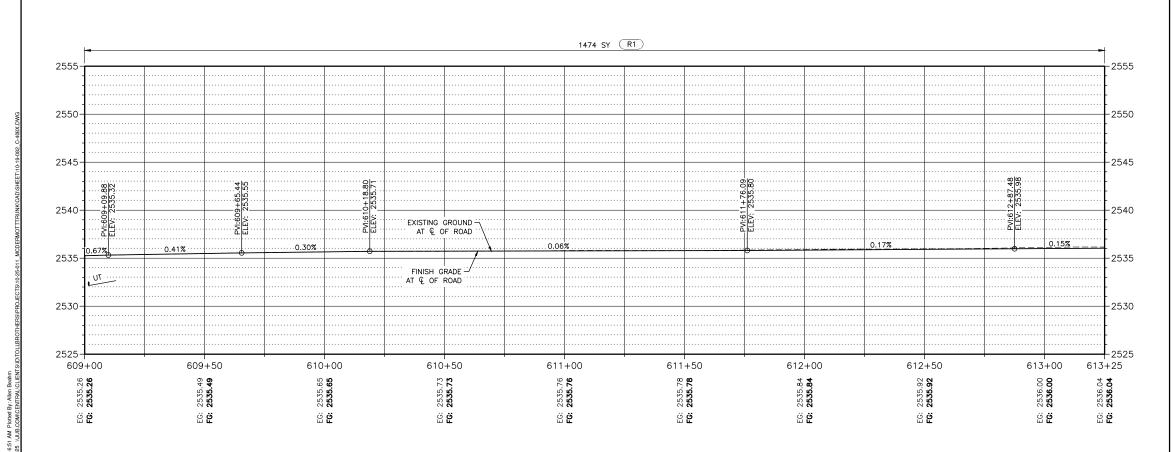
RAWN BY: ARB

SIGN BY: BRW

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KEY NOTES KEY NOTE DESCRIPTION SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) (R7) VALVE BOX, ADJUST TO GRADE (R8) CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM REMOVE AND REPLACE ITEM $\overline{M3}$ REMOVE ITEM (M4)RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION



J-U-B ENGINEERS, INC

ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,

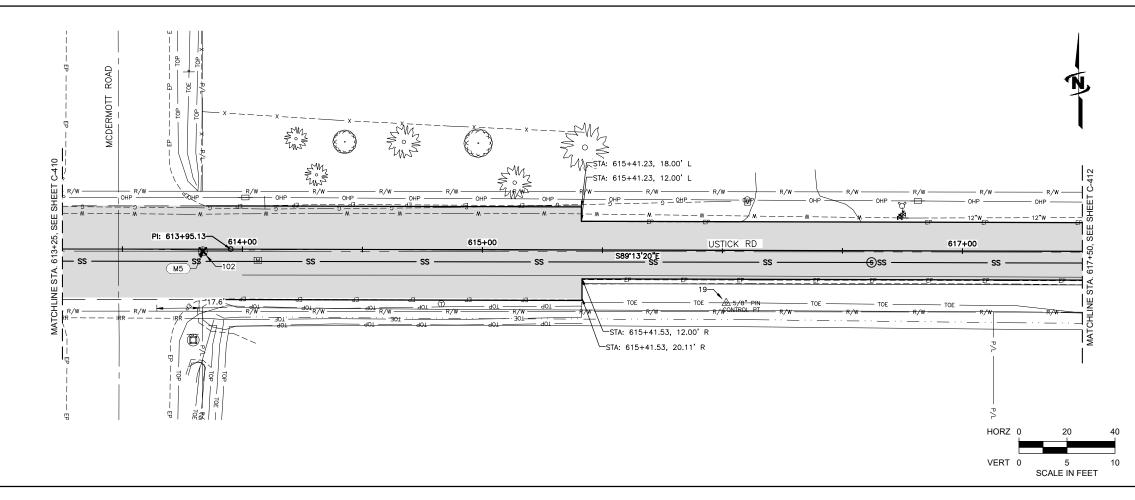


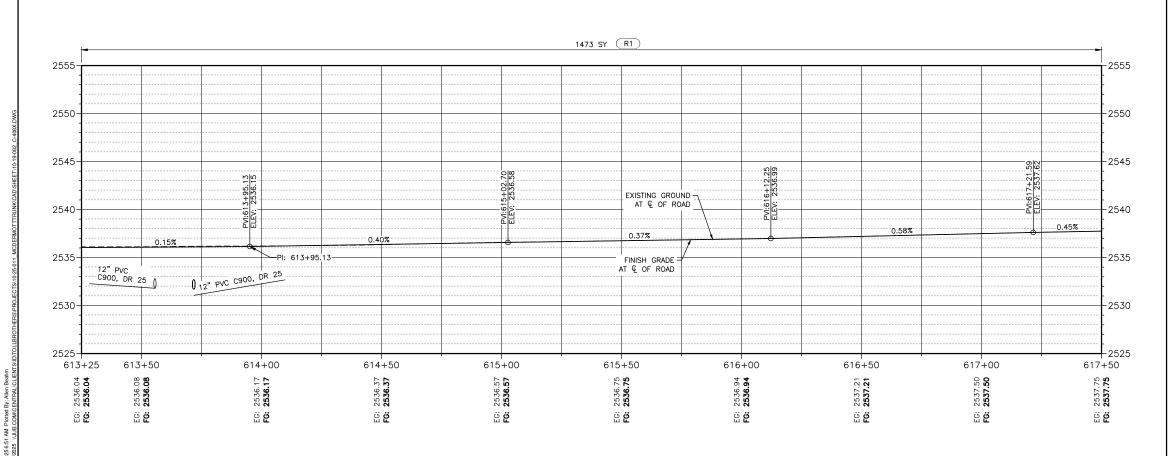
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO PROFILE PLAN & F

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5





J-U-B ENGINEERS, INC J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



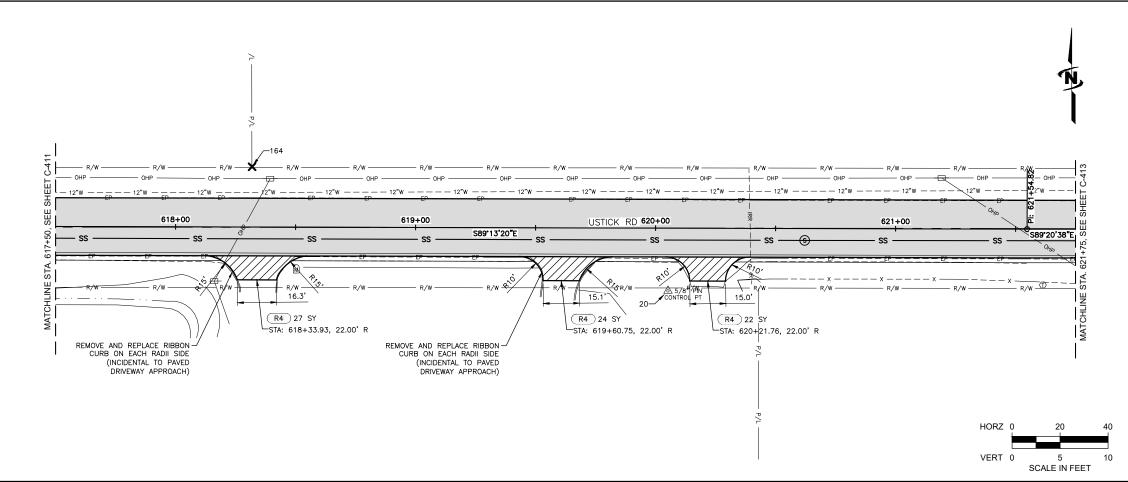
OTHER F SHALL N ANY REL	JUB SHULL RETAIN ALL COMMON LUNS STATUTORS, COPYRIGHT AND THE RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL OF BE REUSES WITHOUT ULES PRROW WITHOUT USES PROFILE WITHOUT USES IN THE WILL BE AND THE SAME SHALL BE WITHOUT WRITTEN CONSENT. AND RELIES WITHOUT WRITTEN CONSENT BY JUB WILL BE AT CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JUB B.	AND T AND T AND T AND T OSUR	N CON BE AT	HT AND ME SENT. CLIENT'S -U-B.
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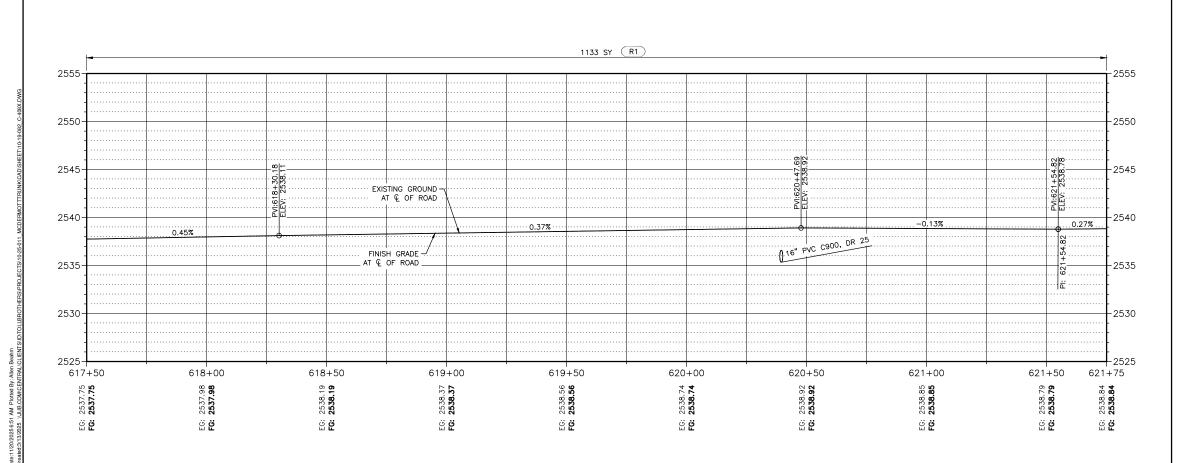
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO PLAN & PROFILE

RAWN BY: ARR

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION

J-U-B ENGINEERS, INC

ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 Boise, J-U-B EN 250 S. E



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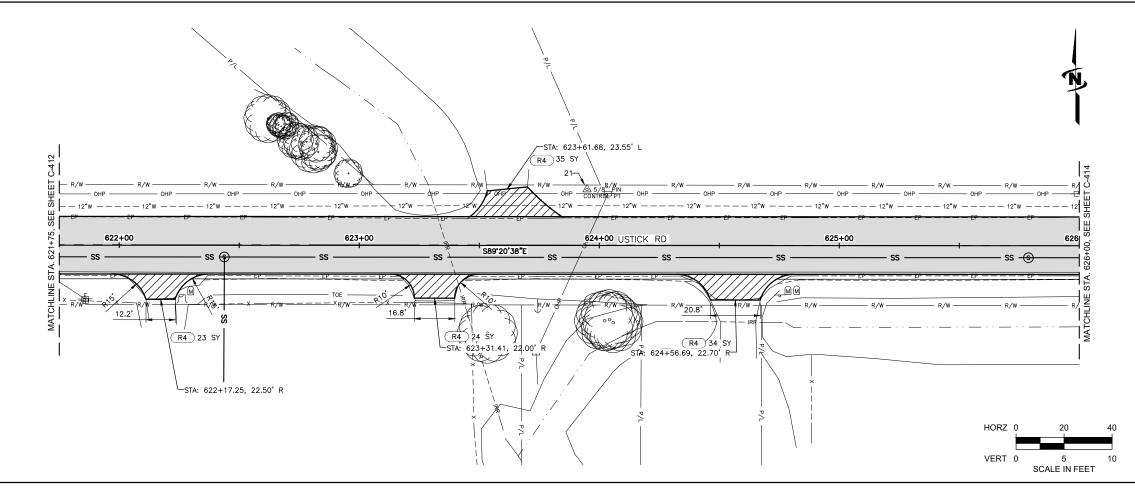
MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

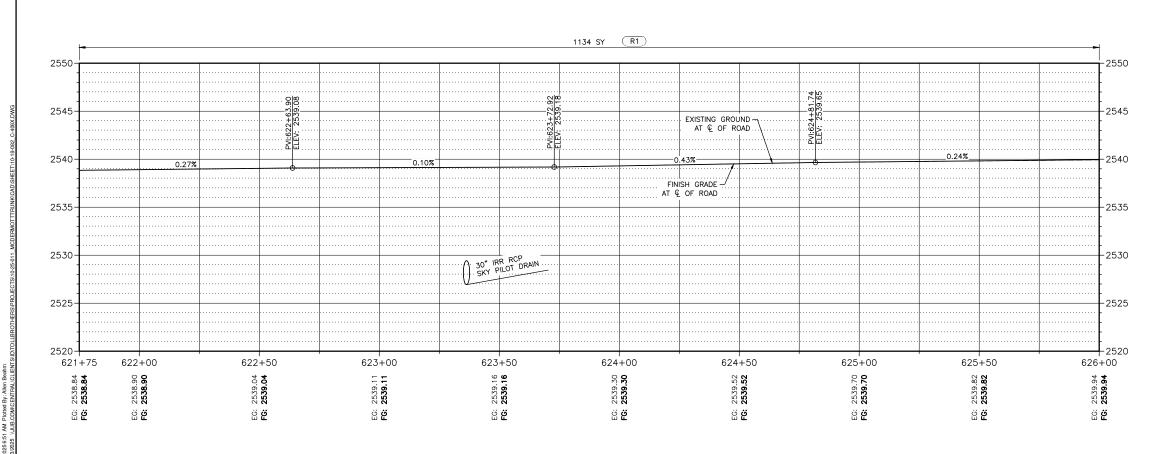
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KEY N	OTES
KEY NOTE	DESCRIPTION
SURFACE	REPAIR KEY NOTES
R1	FULL WIDTH SURFACE RESTORATION
R4	PAVED DRIVEWAY APPROACH
R5	MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD)
R6	TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH)
R7	VALVE BOX, ADJUST TO GRADE
R8	CONCRETE SIDEWALK, THICKNESS 5"
R9	STANDARD 6-INCH VERTICAL CURB & GUTTER
MISCELLA	NEOUS KEY NOTES
M1	REMOVE AND RESET ITEM
M2	REMOVE AND REPLACE ITEM
(M3)	REMOVE ITEM
M4	RETAIN AND PROTECT
M5	REFERENCE AND RESET LAND MONUMENT
M6)	POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) ITEM NO. 307.4.1.A.9

J-U-B ENGINEERS, INC

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944



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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

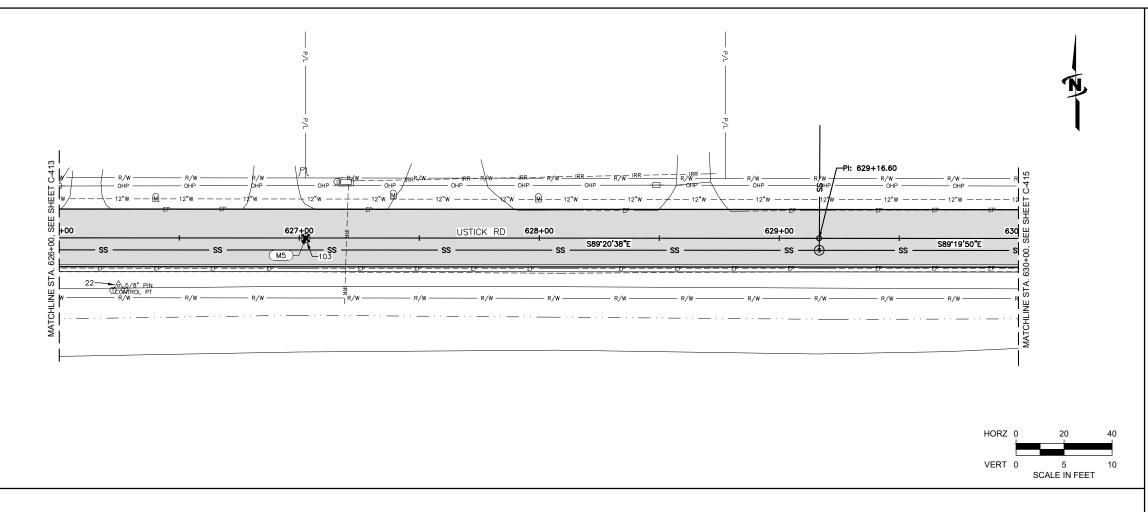
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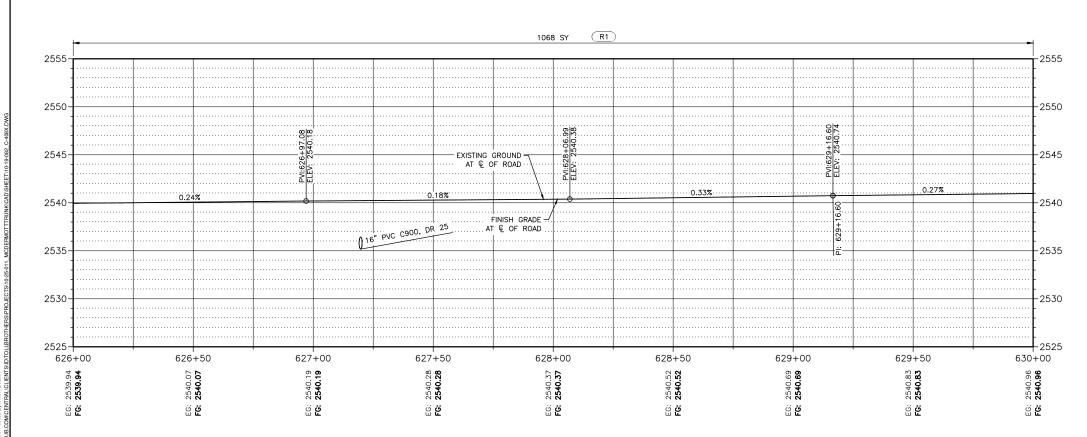
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KEY NOTES KEY NOTE DESCRIPTION SURFACE REPAIR KEY NOTES FULL WIDTH SURFACE RESTORATION PAVED DRIVEWAY APPROACH MISCELLANEOUS SURFACE RESTORATION (DIRT ROAD) TYPE "C" SURFACE RESTORATION (GRAVEL APPROACH) (R7) VALVE BOX, ADJUST TO GRADE CONCRETE SIDEWALK, THICKNESS 5" STANDARD 6-INCH VERTICAL CURB & GUTTER MISCELLANEOUS KEY NOTES (M1) REMOVE AND RESET ITEM REMOVE AND REPLACE ITEM $\overline{M3}$ REMOVE ITEM (M4)RETAIN AND PROTECT REFERENCE AND RESET LAND MONUMENT POWER/LIGHT POLE SUPPORT

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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION



J-U-B ENGINEERS, INC

ENGINEERS, INC. S. Beechwood Ave. Suite 201 se, ID 83709-0944 J-U-B EN 250 S. E Boise,



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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

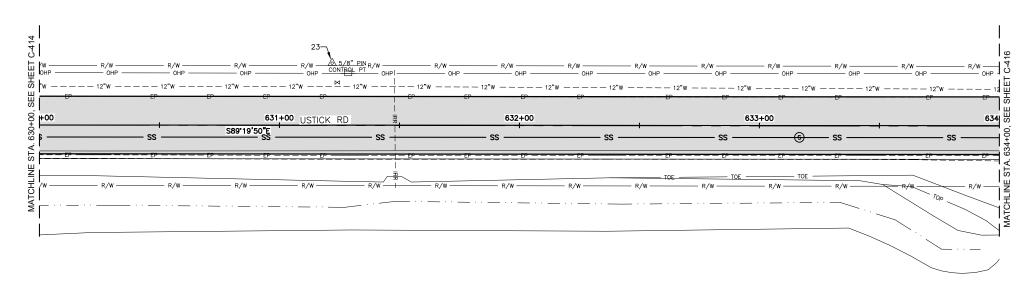
PLAN & PROFILE

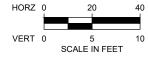
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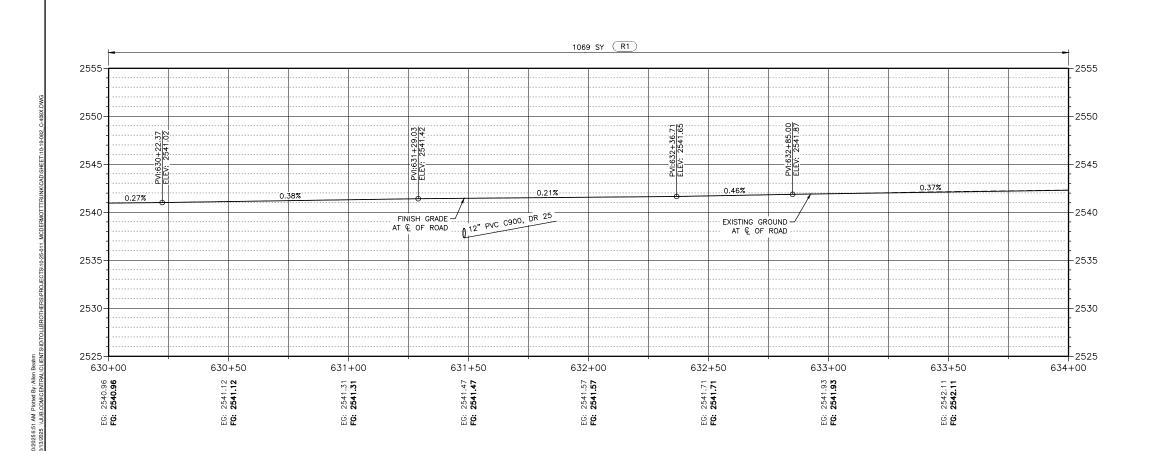
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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



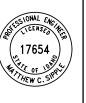
PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION

J-U-B ENGINEERS, INC

S ENGINEERS, INC S. Beechwood Ave. Suite 201 se, ID 83709-0944 Boise, J-U-B EN 250 S. E



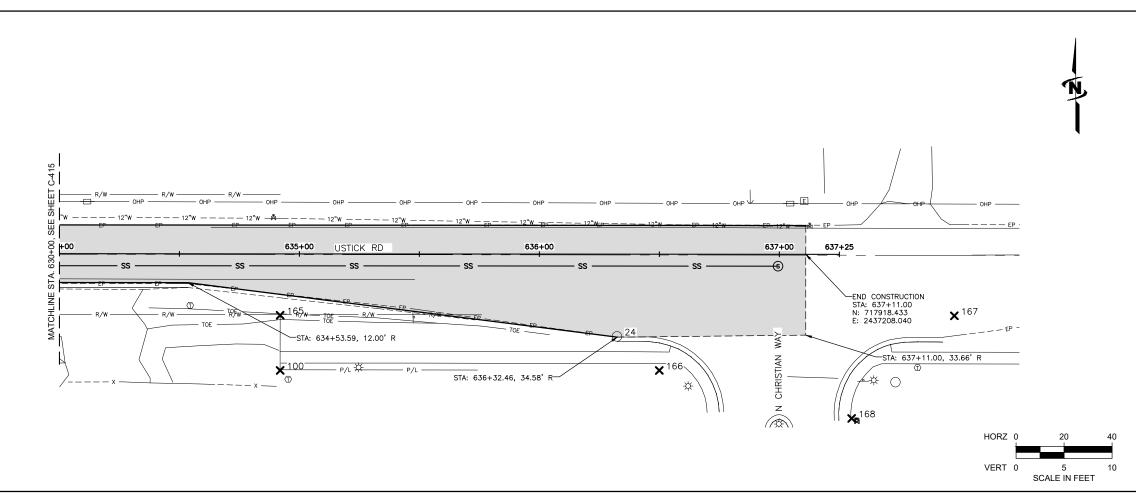
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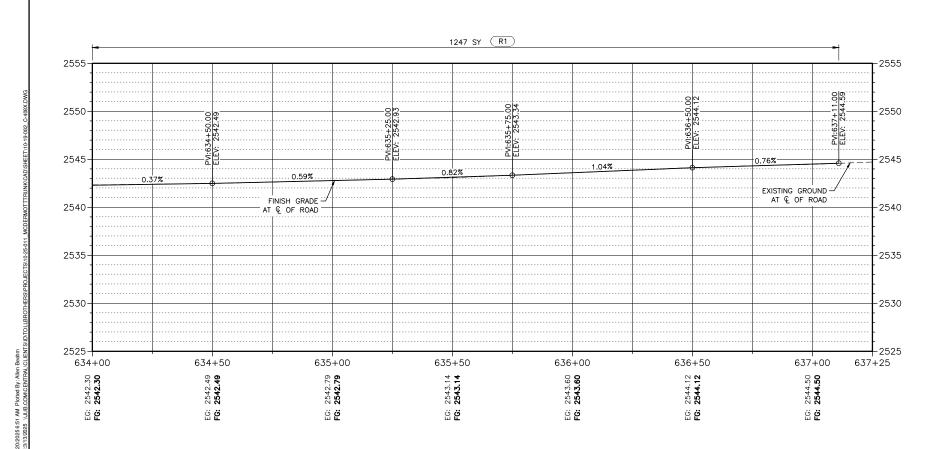
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RAWN BY: ARB

SIGN BY: BRW ONE INCH =

SHEET NUMBER: C-415





	OTES
KEY NOTE	
SURFACE	REPAIR KEY NOTES
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LEGEND



FULL WIDTH SURFACE RESTORATION ITEM NO. 307.4.1.H.1



PAVED DRIVEWAY APPROACH ITEM NO. 810.4.1.A.5



TYPE "C" SURFACE RESTORATION



J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944

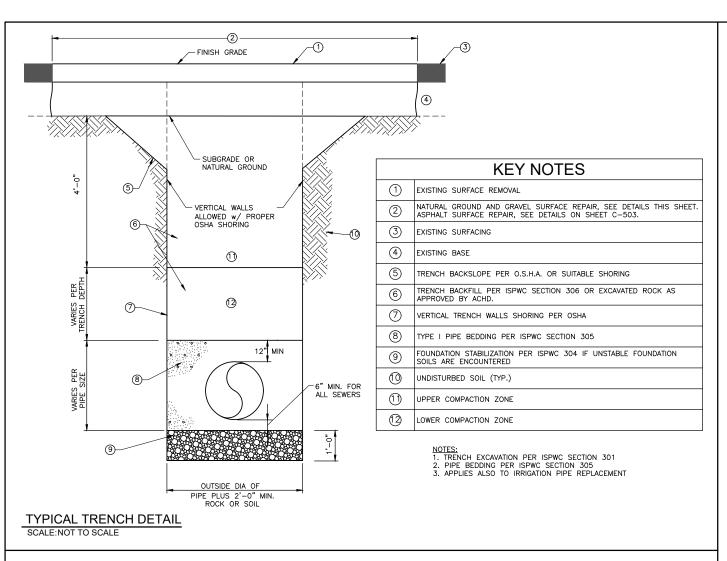


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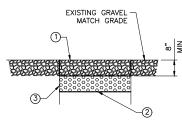
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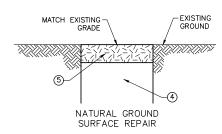


- REFER TO ISPWC SECTION—307 AND ACHD'S SUPPLEMENTAL SPECIFICATION TO THE ISPWC FOR MATERIALS AND WORKMANSHIP REQUIREMENTS.
- 2. CRUSHED AGGREGATE BASE SHALL BE PLACED USING A MOTOR GRADER.
- 3. TYPE "C-1" GRAVEL SURFACE REPAIR SHALL BE PER ISPWC SD-303.
- 4. ALL REPAIRS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL MEET ACHD OR NHD REQUIREMENTS, AS APPROPRIATE.

	SURFACE RESTORATION KEYNOT	ΓES:
NUMBER	ITEM	SCHEDULE
1	TYPE 1 34" MINUS CRUSHED AGGREGATE BASE (MIN)	8"
2	COMPACT SUBGRADE TO 95% MAX DENSITY PER ASTM D-698	
3	COMPACTED AGGREGATE SUB-BASE, 6" MINUS PIT RUN.	9"
4	COMPACTED TRENCH BACKFILL PER ISPWC SD-301 AND ISPWC SECTION-306 IN TRENCH AREAS. NO COMPACTION IN DISTURBED NON-TRENCH AREAS, AND PORTIONS SHOWN ON PLANS.	
(5)	NATIVE TOP SOIL W/ DRYLAND SEED IF DISTURBED. GRASS SOD WHERE CALLED FOR ON PLANS OR WHERE EXISTING GRASS SOD IS PRESENT	6"

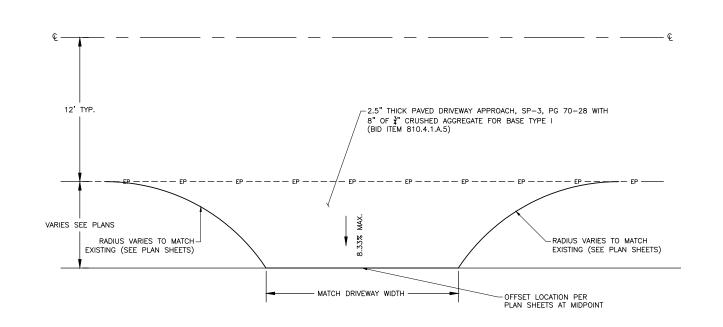


GRAVEL SURFACE REPAIR



SURFACE & GRAVEL RESTORATION DETAILS

SCALE:NTS



TYPICAL RURAL PAVED APPROACH DETAIL
SCALE:NTS

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944 Phone: 208.376.7330 Far. 208.328.3336 www.ilb.com

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REVISION

MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

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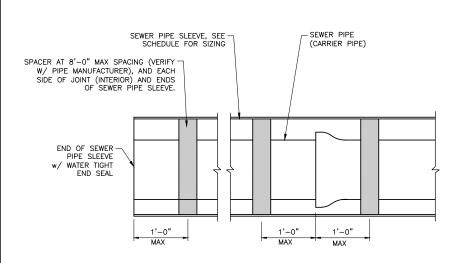
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DESIGN BY: BRW
CHECKED BY: JPE

CHECKED BY: JPE

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AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDING

SHEET NUMBER:



SEWER PIPE SLEEVE SCHEDULE

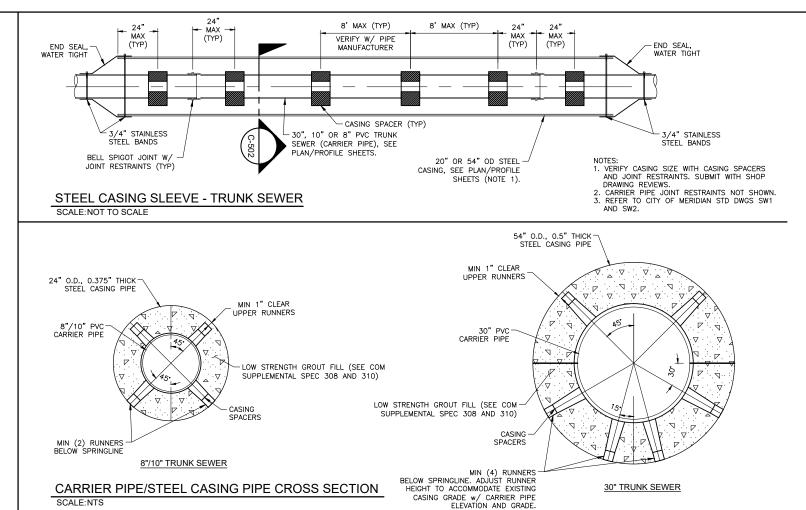
CARRIER PIPE(IN) PVC C900, DR-25

PVC C900, DR-25
POTABLE WATER CLASS SLEEVE SIZE(IN)

10" PVC 20" 30" PVC 48"

TYPICAL SEWER PIPE PVC SLEEVE DETAIL

SCALE:NTS



MANHOLE	REFERENCE SHEET	STRUCTURE	WALL THICKNESS (INCHES)	FOOTING EXTENSION (INCHES)	FOOTING DEPTH BELOW BOTTOM OF PIPE (INCHES)
2	TYPE B SSMH-02	SSMH-2	6	12	9
3	TYPE B SSMH-03	SSMH-3	6	12	9
4	TYPE B SSMH-04	SSMH-4	6	12	9
5	TYPE B SSMH-05	SSMH-5	6	12	9
6	TYPE B SSMH-06	SSMH-6	6	12	9
7	TYPE B SSMH-07	SSMH-7	6	12	9
8	TYPE A SSMH-08	SSMH-8	5	10	9
9	TYPE A SSMH-09	SSMH-9	5	10	9
10	TYPE A SSMH-10	SSMH-10	5	10	9
11	TYPE A SSMH-11	SSMH-11	5	10	9
12	TYPE A SSMH-12	SSMH-12	5	10	9
13	TYPE A SSMH-13	SSMH-13	5	10	9
14	TYPE A SSMH-14	SSMH-14	5	10	9
15	TYPE A SSMH-15	SSMH-15	5	10	9
16	TYPE A SSMH-16	SSMH-16	5	10	9
17	TYPE A SSMH-17	SSMH-17	5	10	9
18	TYPE A SSMH-18	SSMH-18	5	10	9

MANHOLE BASE EXTENSION

Plot Date:11/20/2025 6:51 AM Plotted By: Allen Beahm
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JB PROJ. #:10-19-082

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ESIGN BY: BRW

HECKED BY: JPE

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J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 250 S. Beechwood Ave. Suite 201 Boise, ID 83709-0944 Phone: 208.323.9336 Fax: 208.323.9336 www.jub.com

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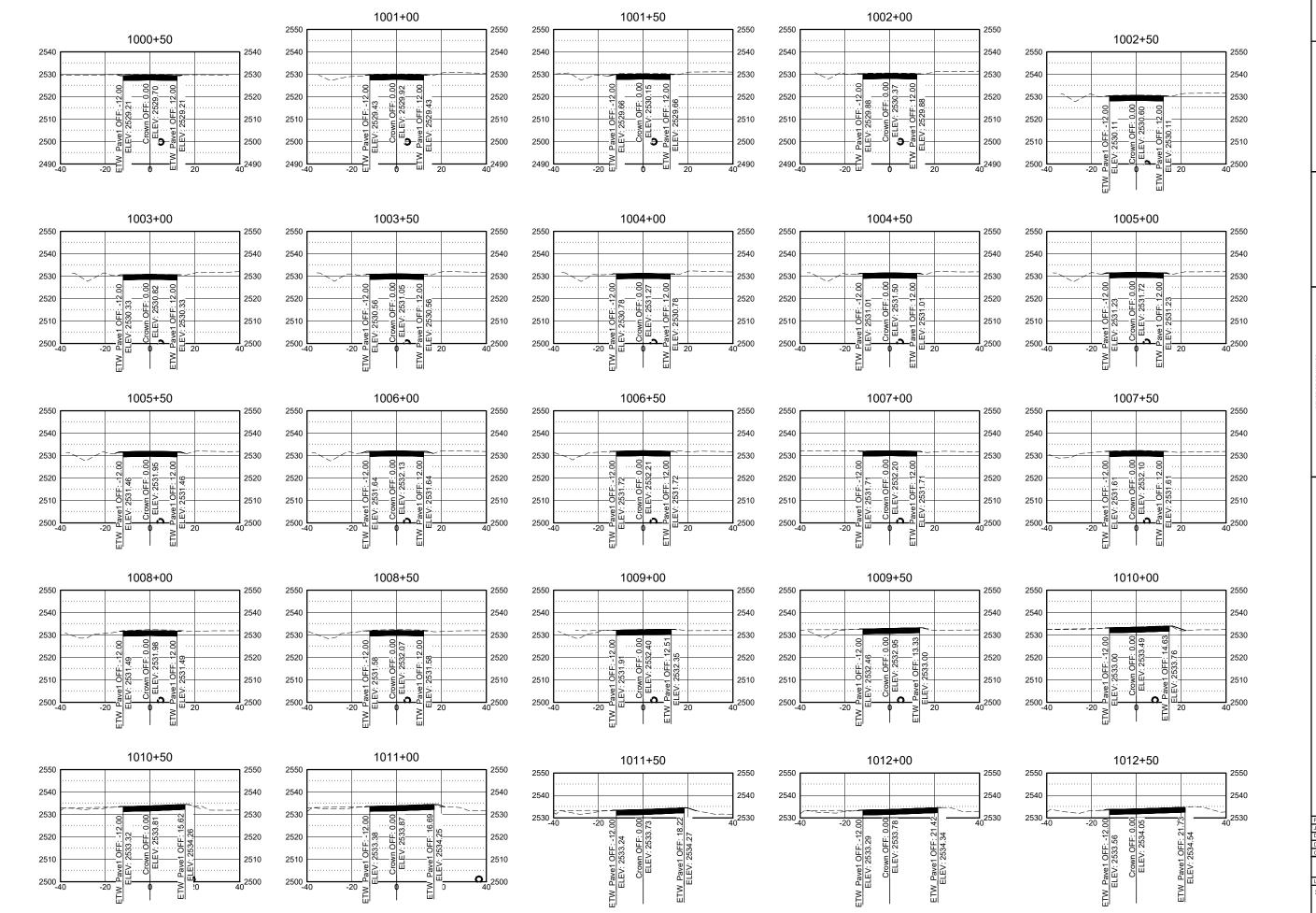
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MCDERMOTT TRUNK SEWER MERIDIAN, IDAHO

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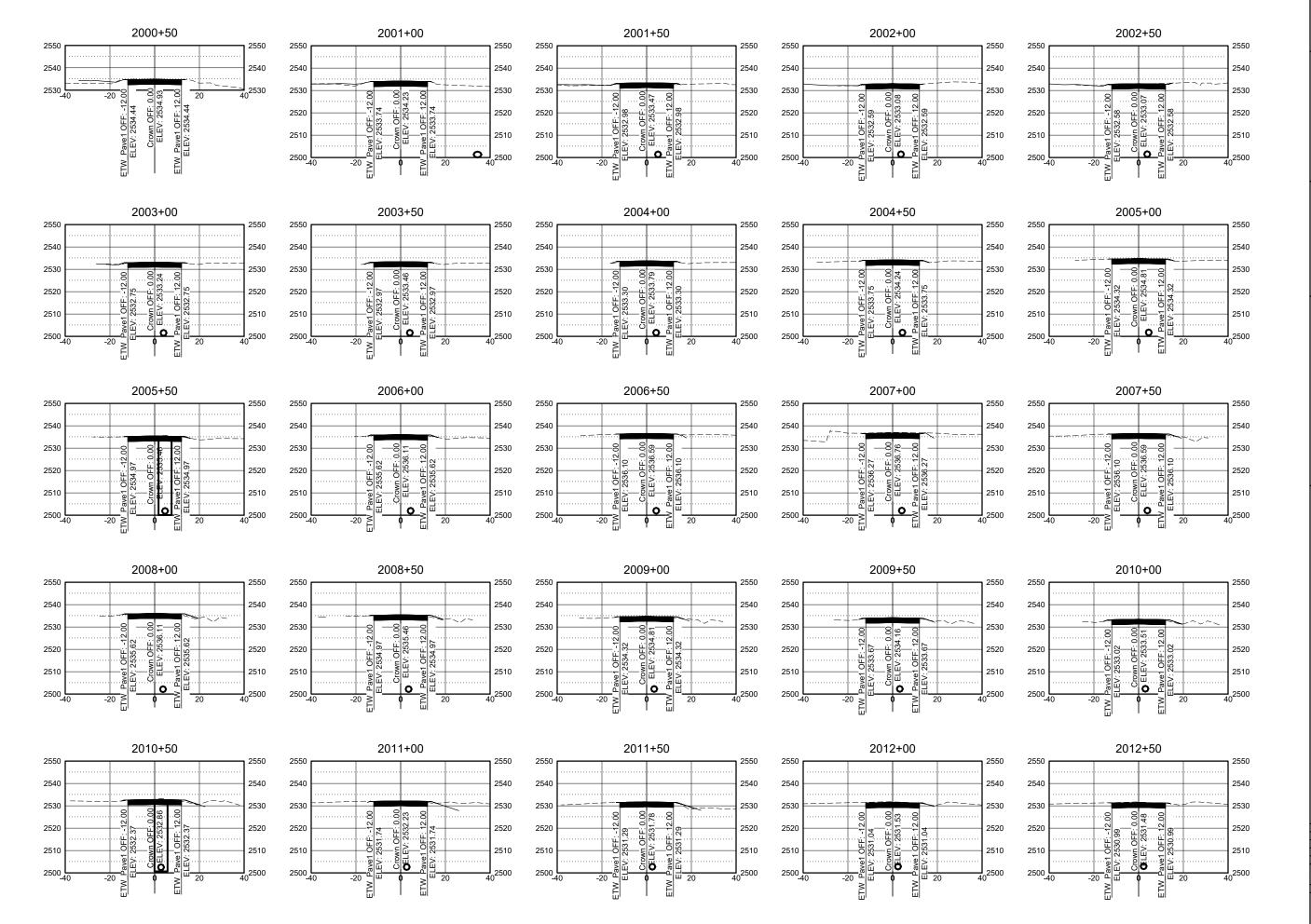
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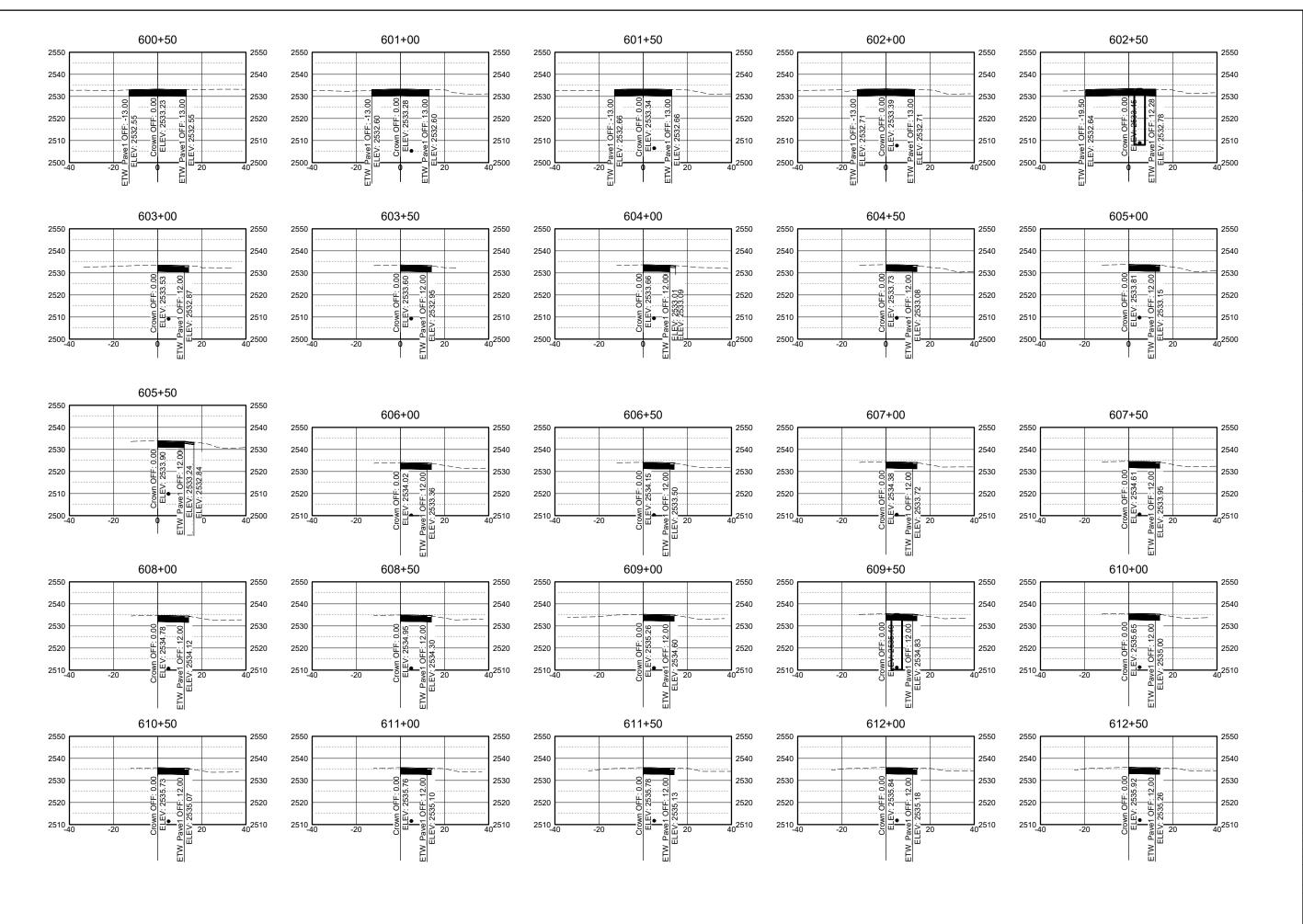
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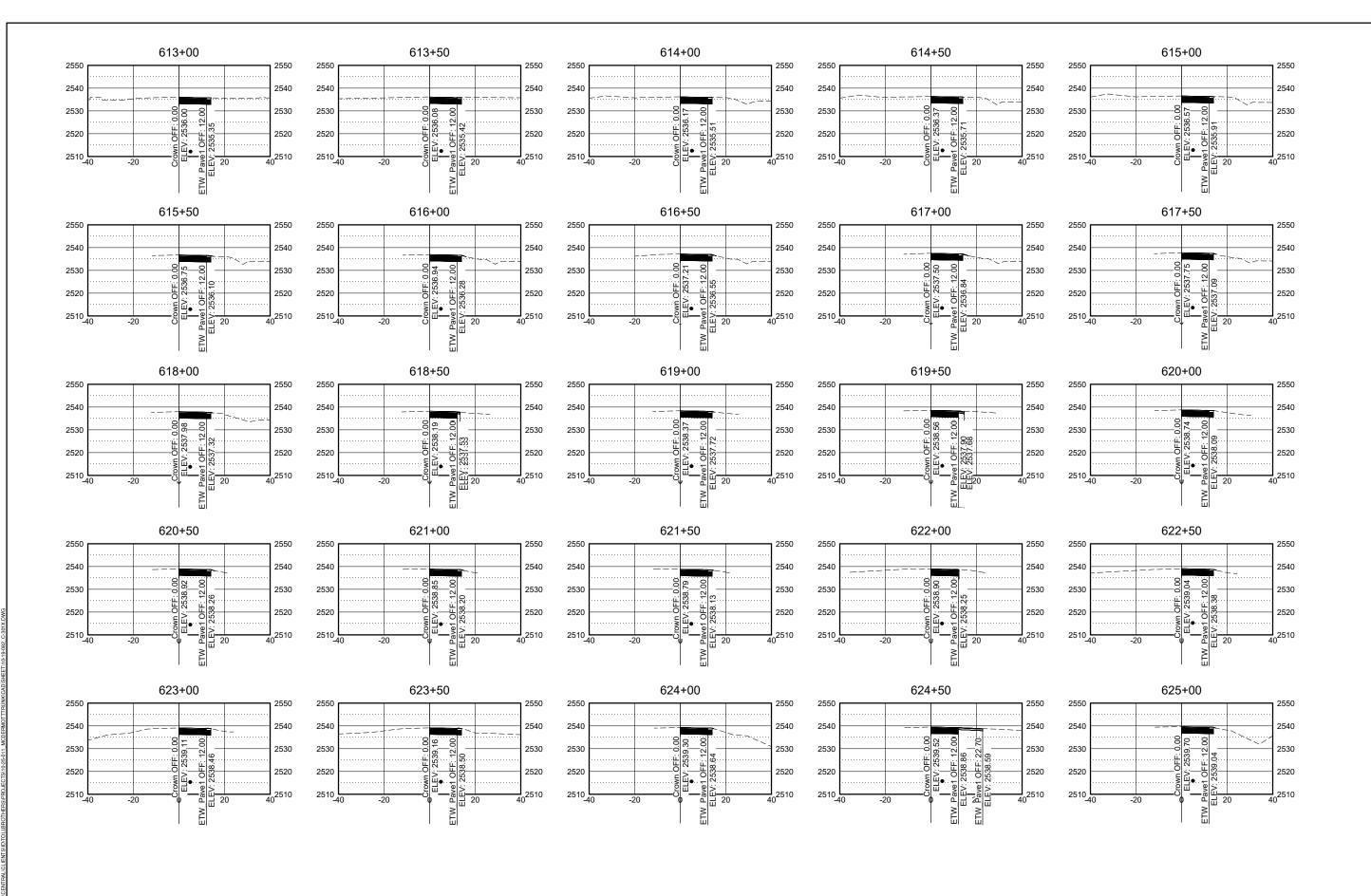
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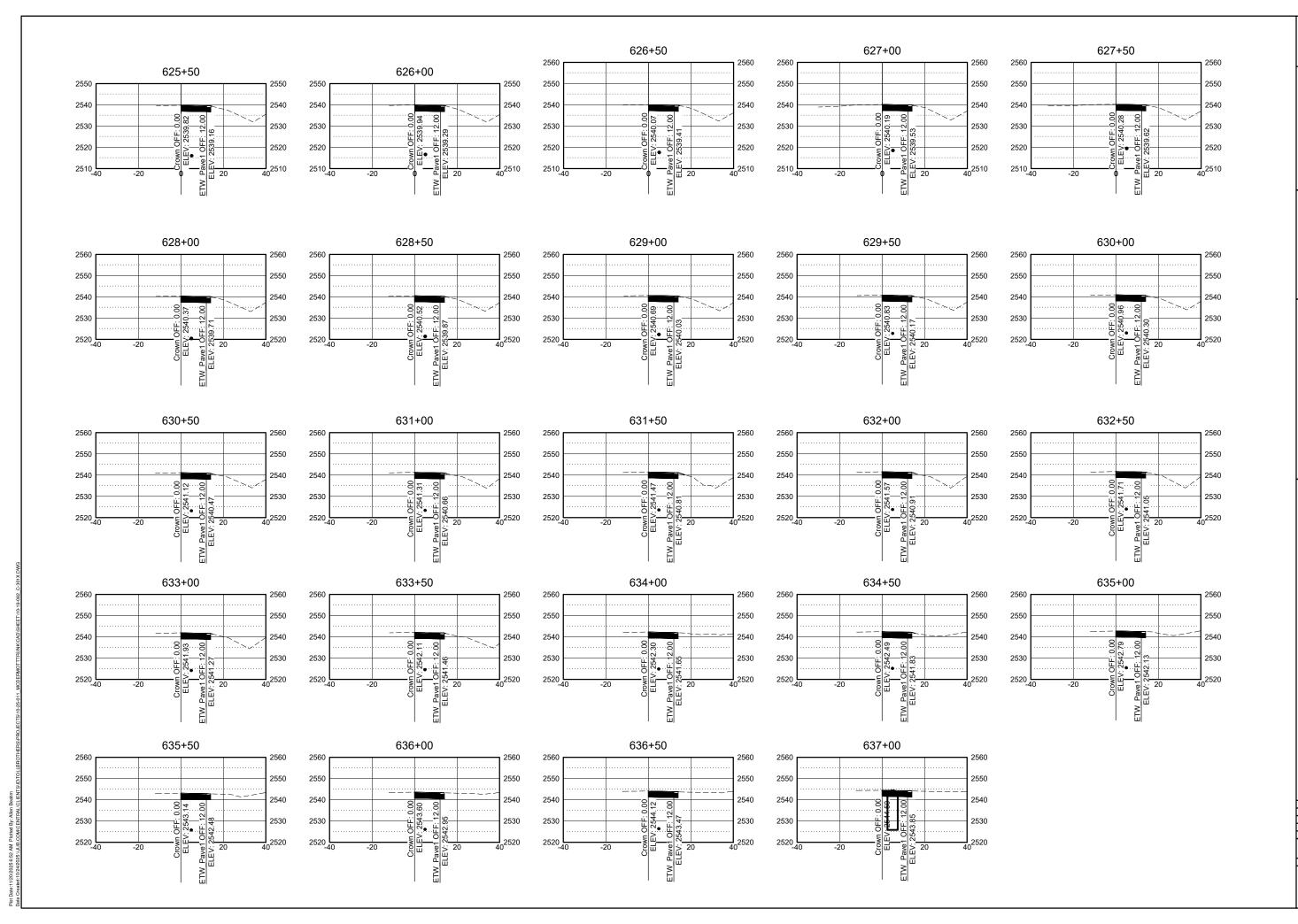
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