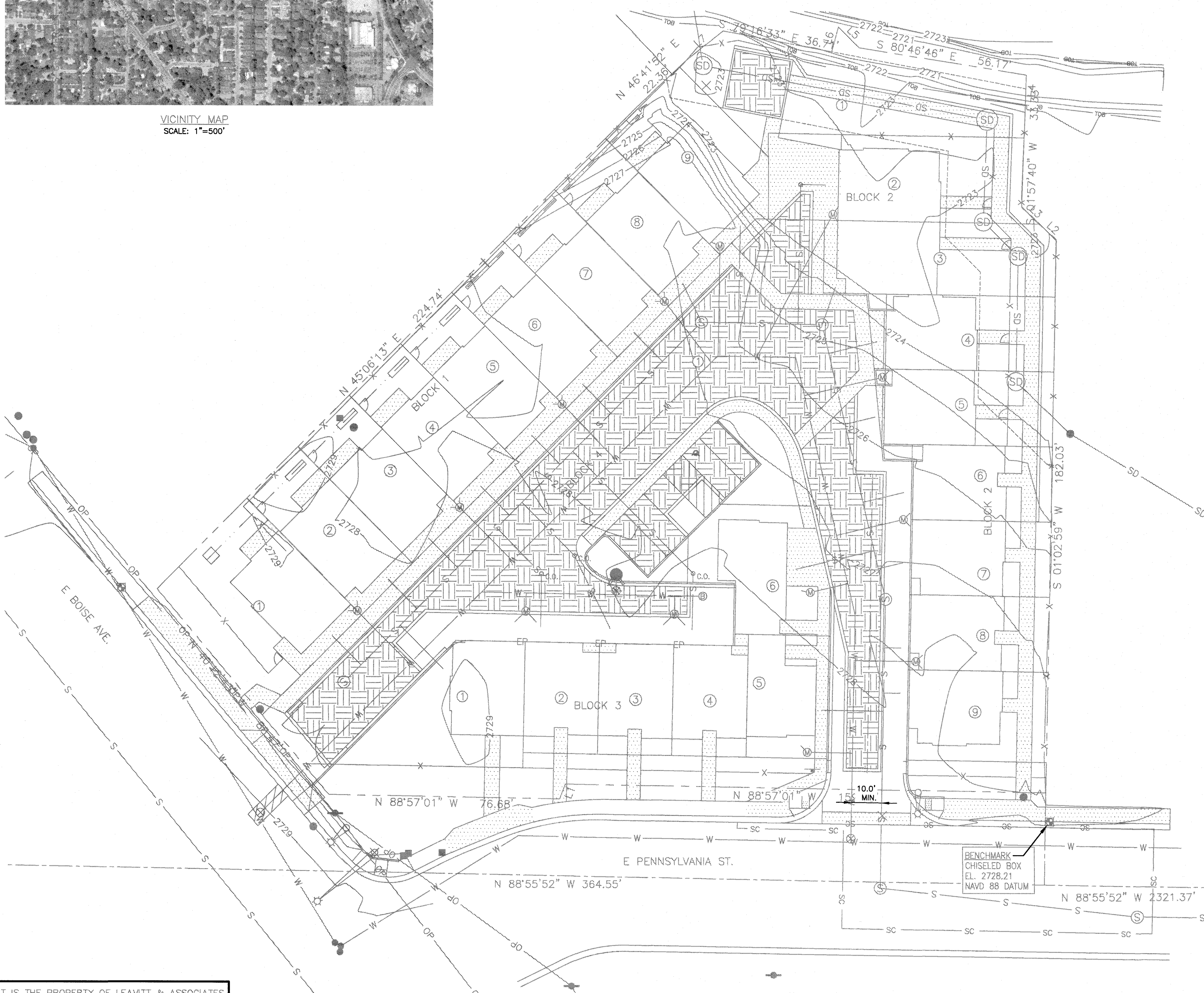


BOISE 23

T.3N, R.2E, SEC. 23
BOISE, ADA COUNTY, IDAHO



VICINITY MAP
SCALE: 1"=500'



SITE PLAN
SCALE: 1"=20'

LINETYPES:		SYMBOLS:	
[Line Type]	EXISTING CURB & GUTTER	[Symbol]	EXISTING SANITARY SEWER MANHOLE
[Line Type]	CONSTRUCT CURB & GUTTER	[Symbol]	INSTALL SANITARY SEWER MANHOLE
[Line Type]	EXISTING SANITARY SEWER	[Symbol]	EXISTING GRAVITY IRRIGATION MANHOLE
[Line Type]	INSTALL SANITARY SEWER MAIN	[Symbol]	INSTALL GRAVITY IRRIGATION MANHOLE
[Line Type]	INSTALL SEWER SERVICE	[Symbol]	EXISTING STORM DRAIN MANHOLE
[Line Type]	EXISTING STORM DRAIN	[Symbol]	INSTALL STORM DRAIN MANHOLE
[Line Type]	INSTALL STORM DRAIN MAIN	[Symbol]	EXISTING VALVE
[Line Type]	EXISTING WATER MAIN	[Symbol]	INSTALL WATER VALVE
[Line Type]	INSTALL WATER MAIN	[Symbol]	INSTALL IRRIGATION VALVE
[Line Type]	APPROXIMATE JOINT TRENCH	[Symbol]	EXISTING WATER METER
[Line Type]	EXISTING PRESSURE IRR.	[Symbol]	INSTALL WATER METER
[Line Type]	INSTALL PRESSURE IRR. MAIN	[Symbol]	EXISTING BLOW-OFF VALVE
[Line Type]	EXISTING GRAVITY IRRIGATION	[Symbol]	INSTALL BLOW-OFF VALVE
[Line Type]	INSTALL GRAVITY IRR. MAIN	[Symbol]	EXISTING FIRE HYDRANT
[Line Type]	LOT LINE	[Symbol]	INSTALL FIRE HYDRANT
[Line Type]	BOUNDARY/PHASE LINE	[Symbol]	STORM WATER FLOW
[Line Type]	CENTER LINE	[Symbol]	INSTALL STREET LIGHT PER CITY STD
[Line Type]	EASEMENT LINE	[Symbol]	EXISTING IRRIGATION PUMP-OUT
[Line Type]	EXISTING CONTOUR	[Symbol]	INSTALL IRRIGATION PUMP-OUT
[Line Type]	FINISH GRADE CONTOUR	[Symbol]	EXISTING CATCH BASIN INLET
[Line Type]	EXISTING EDGE OF PAVEMENT	[Symbol]	CONSTRUCT CATCH BASIN INLET
[Line Type]	EXISTING OVERHEAD POWER	[Symbol]	CONSTRUCT PEDESTAL RAMP
[Line Type]	EXISTING FIBER OPTICS	[Symbol]	TEST HOLE W/ PERCOLATION TEST
[Line Type]	EXISTING TELEPHONE	[Symbol]	TEST HOLE
[Line Type]	EXISTING GAS LINE	[Symbol]	INSTALL STOP SIGN
[Line Type]	INSTALL UNDERGROUND POWER	[Symbol]	INSTALL STREET SIGN
[Line Type]	TOP OF BANK	[Symbol]	INSTALL 2-PARTY MAILBOX
[Line Type]	TOP OF SLOPE	[Symbol]	EXISTING TREE
[Line Type]	TOE OF SLOPE	[Symbol]	EXISTING UTILITY POLE
[Line Type]	EDGE OF PAVEMENT	[Symbol]	EXISTING UTILITY POLE W/ GUY WIRE
[Line Type]	EDGE OF GRAVEL	[Symbol]	EXISTING ELECTRICAL BOX
[Line Type]	SAW CUT LINE	[Symbol]	EXISTING TELEPHONE BOX
[Line Type]	SWALE FLOW LINE	[Symbol]	INSTALL CLEAN OUT

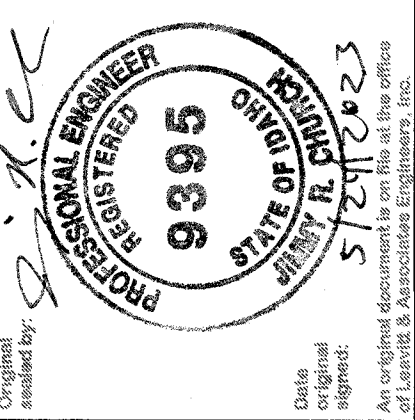
SCALE: 1" = 20'

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NOTE: ELEVATIONS ARE FROM NAVD 88 DATUM.

RECORD DRAWING

LEAVITT & ASSOCIATES ENGINEERS, INC.
 STRUCTURAL * CIVIL SURVEYING



COVER SHEET, VICINITY MAP, SITE PLAN, SHEET INDEX, AND LEGEND

BOISE 23
 BOISE, IDAHO
 OWNER/DEVELOPER:
CHRYSALLIS ARCHITECTURE
 3130 W STATE ST
 BOISE, ID 83703
 PHONE (208) 596-1565

ADDED RECORD INFORMATION		REVISIONS	
DL	ISSUED PER ARCHITECT REQUEST	No.	DATE
DL	REV. PER CITY COMM. 11/14/22	BY	
DL	REV. PER CITY COMM. 10/07/22		
DL	REV. PER ACHD COMM.		
DL	REV. PER CITY SEWER COMM.		
DL	REV. PER DRAINAGE DISTRICT 3		

CIVIL - 20241Chrysalis - 21031002 - Boise - Pennsylvania Boise-Form Meet-RECORD

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SCALE: 1"=20' Sheet Number: **C-1**

GENERAL

- ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH BOISE CITY STANDARDS, THE CURRENT VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPC), THE REQUIREMENTS OF THE ADA COUNTY HIGHWAY DISTRICT (ACHD) AND ACHD SUPPLEMENTAL SPECIFICATIONS TO THE ISPC, THE MORE STRINGENT OF ANY OF THESE STANDARDS SHALL BE THE CONTROLLING STANDARDS OR SPECIFICATIONS.
- ALL CONTRACTORS, SUBCONTRACTORS AND UTILITY CONTRACTORS SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE (OR AN ON-SITE MEETING WITH THE CITY OF BOISE PROJECT INSPECTOR) PRIOR TO START OF WORK.
- 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.
- 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. 1.
- 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/QIPE APPROVED CONSTRUCTION PLANS.
- ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST HAVE THE APPLICABLE AGENCY APPROVAL IN WRITING PRIOR TO CONSTRUCTION.
- PRIOR TO BEGINNING INSTALLATION OF STREET LIGHTS, THE ELECTRICAL CONTRACTOR SHALL OBTAIN AN ELECTRICAL PERMIT FROM THE BUILDING DIVISION OF THE BOISE PUBLIC WORKS DEPARTMENT. ANY DEVIATION IN STREET LIGHT LOCATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN WRITING FROM THE CITY ENGINEER.
- GEOTECHNICAL ENGINEERING REPORT PROVIDED BY ATLAS TECHNICAL CONSULTANTS, LLC, DATED MAY 17, 2021.

ROADWAY

- THE ENGINEER OF RECORD CERTIFIES THAT THE PLANS ARE PREPARED IN SUBSTANTIAL CONFORMANCE WITH THE ACHD POLICY AND STANDARDS IN EFFECT AT THE TIME OF PREPARATION. THE ENGINEER ACKNOWLEDGES THAT ACHD ASSUMES NO LIABILITY FOR ERRORS OR DEFICIENCIES IN THE DESIGN. ALL VARIANCES FROM ACHD POLICY SHALL BE APPROVED IN WRITING. THE FOLLOWING VARIANCES, LISTED BY DATE AND SHORT DESCRIPTION, WERE APPROVED FOR THE PROJECT: NONE.
- ALL CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CURRENT EDITION OF THE ISPC AND THE ACHD SUPPLEMENTAL SPECIFICATIONS, NO EXCEPTIONS TO DISTRICT POLICY, STANDARDS AND THE ISPC WILL BE ALLOWED UNLESS SPECIFICALLY AND PREVIOUSLY APPROVED IN WRITING BY DISTRICT.
- ALL CONTRACTORS WORKING WITHIN THE PUBLIC ROAD RIGHT-OF-WAY ARE REQUIRED TO SECURE A RIGHT-OF-WAY CONSTRUCTION PERMIT FROM ACHD OR ITD AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO ANY CONSTRUCTION.
- ACHD OR ITD WILL INSPECT ALL WORK WITHIN THE PUBLIC RIGHTS-OF-WAY TO INCLUDE UTILITY TRENCHES ABOVE THE PIPE ZONE. CONTACT ACHD INSPECTION SERVICES AT (208)-387-6280.
- BOISE PUBLIC WORKS WILL INSPECT STORM DRAINAGE IMPROVEMENTS SERVING PRIVATE ROADS AND PARKING LOT IMPROVEMENTS OUTSIDE THE PUBLIC RIGHT-OF-WAY.
- ALL STREET CUTS AND ASPHALT REPAIR SHALL CONFORM TO ISPC STANDARDS AND ACHD SUPPLEMENTAL FOR STREET REPAIRS SD-301, SD-303 AND SD-806 (MINIMUM CROSS SLOPE).
- ABANDONED BUILDINGS, TEST PITS OR WATERWAYS LOCATED WITHIN CURRENT OR FUTURE RIGHT-OF-WAY SHALL BE RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL PER ISPC SPECIFICATIONS. PROVIDE SOILS DATA TO VERIFY NATIVE MATERIAL MEETS THE REQUIREMENTS FOR ENGINEERED FILL PER ISPC SPECIFICATIONS AND A COPY OF THE COMPACTION TESTS.
- PRIOR TO PLACEMENT OF ANY PAVEMENT MARKINGS CONTACT ACHD INSPECTION FOR VERIFICATION OF COMPLIANCE WITH POLICY AND EXISTING PAVEMENT MARKINGS.
- ALL SIGN INSTALLERS MUST BE BONDED WITH ACHD AND OBTAIN A NO CHARGE RIGHT-OF-WAY PERMIT.
- 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 SURFACE.
- 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 TRAVEL LANE.
- FLOWABLE FILL OR IMPORTED MATERIAL MAY BE REQUIRED IF THE NATIVE TRENCH MATERIAL IS DEEMED UNSUITABLE BY ACHD INSPECTOR, DOES NOT MEET COMPACTION STANDARDS OR TIME IS A CRITICAL FACTOR.

WATER

- 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.
- 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 OF THE WASTEWATER RULES (IDAPA 58.01.16).
- 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 58.01.16).
- PLACE WATER SERVICE LINES IN A TWO (2) INCH DIAMETER PIPE WHEREVER THE SERVICE LINE CROSSES A STORM WATER TREATMENT FACILITY (I.E. SEEPAGE BEDS, DRAINAGE SWALES). THE PIPE MATERIAL USED FOR SLEEVING MUST BE IMPERVIOUS TO CONTAMINATION FROM PETROLEUM PRODUCTS AND MUST BE APPROVED BY THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CONTINUOUS WATER SERVICE TO ALL EXISTING WATER USERS AFFECTED BY CONSTRUCTION.
- 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

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST SEWER SPECIFICATIONS AND STANDARD DRAWINGS OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPC), BOISE PUBLIC WORKS DEPARTMENT AND/OR THE ADA COUNTY HIGHWAY DISTRICT (ACHD) MODIFICATIONS TO THE ISPC.
- THE CONTRACTOR SHALL CONSTRUCT THE SANITARY SEWER IN ACCORDANCE WITH THE STAMPED PLANS APPROVED BY THE BOISE PUBLIC WORKS DEPARTMENT AND THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY. THESE PLANS WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO CONSTRUCTION. WORK SHALL NOT BE DONE WITHOUT THE CURRENT SET OF APPROVED PLANS.
- FINAL APPROVAL AND ACCEPTANCE OF SEWER TIE-IN CONSTRUCTION WILL BE BY THE BOISE PUBLIC WORKS DEPARTMENT AND THE ENGINEER OF RECORD. FINAL APPROVAL AND ACCEPTANCE OF ALL OTHER SEWER CONSTRUCTION WILL BE BY THE ENGINEER OF RECORD.
- SEWER INSPECTIONS WILL BE BY THE ENGINEER OF RECORD AND THEIR DECISIONS SHOULD BE CONSIDERED AS FINAL. THE CONTRACTOR WILL NOTIFY THE PROJECT ENGINEER 48 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER WILL PROVIDE PERIODIC INSPECTIONS FOR AN EIGHT-HOUR DAY, FROM 8:00 A.M. TO 5:00 P.M., FOR A FORTY HOUR WEEK.
- SEWER CONSTRUCTION WILL MEET SPECIFIC DETAILS AND REQUIREMENTS OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION INCLUDING BOISE CITY REVISIONS. BOISE CITY REVISIONS TO THE ISPC STANDARD DRAWINGS ARE AVAILABLE ONLINE.
- GROUNDWATER LEVELS SHALL BE MAINTAINED BELOW THE BOTTOM OF THE TRENCH DURING THE PIPE LAYING AND PIPE JOINING OPERATIONS. ALL MANHOLES LOCATED WITHIN LIMITS OF SEASONAL GROUNDWATER SHALL HAVE THE EXTERIOR OF ALL CONCRETE SURFACES COATED WITH TWO COATS OF COAL TAR EPOXY.
- THE CONTRACTOR SHALL INSTALL A REMOVABLE PLUG UPSTREAM OF MANHOLE SSMH 206A BETWEEN SSMH 206A AND SSMH 206A1. THIS PLUG SHALL REMAIN IN PLACE DURING CONSTRUCTION UNTIL FINAL ACCEPTANCE OF THIS SEWER PROJECT.
- SERVICE LINES SHALL BE MARKED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARD DRAWING SD 512. SERVICE LINE MARKERS SHALL REMAIN IN PLACE DURING CONSTRUCTION AND BE PRESENT FOR FINAL INSPECTION. ON LOTS WHERE ROOF DRAINS ARE UTILIZED, THE CONTRACTOR SHALL COLOR THE ROOF DRAIN MARKERS TO CLEARLY DIFFERENTIATE ROOF DRAIN MARKERS FROM SEWER SERVICE MARKERS.
- THE HORIZONTAL SEPARATION OF THE WATER AND SEWER MAINS SHALL BE A MINIMUM OF TEN (10) FEET, WHERE IT IS NECESSARY FOR SEWER AND WATER TO CROSS EACH OTHER AND THE SEWER LINE IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE SEWER LINE CROSSING SHALL BE P.V.C. PRESSURE PIPE CONFORMING TO AWWA C-900 OR ASTM D2241, FOR A DISTANCE OF 10' ON BOTH SIDES OF WATER LINE. ONE FULL LENGTH OF BOTH WATER MAIN AND SEWER LINE SHALL BE CENTERED OVER THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE.
- ALL STATIONING RELATES TO THE GRAVITY SEWER CENTERLINE.
- THE CONTRACTOR SHALL PROVIDE THE INSPECTOR AND ENGINEER OF RECORD WITH "CUT SHEETS" FOR THE STAKING PROVIDED FOR CONSTRUCTION OF THE SANITARY SEWER. "CUT SHEETS" SHALL BE PROVIDED TO THE INSPECTOR AND ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ADDITIONALLY, TEMPORARY BENCH MARKS MUST BE PROVIDED TO THE INSPECTOR AND ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO CONSTRUCTION, TEMPORARY BENCH MARKS (TBM'S) SHALL BE SET IN THE FIELD BY A LICENSED SURVEYOR OR ENGINEER AND SHALL BE FLAGGED AND CLEARLY VISIBLE FROM ALL DIRECTIONS. A TBM SHALL BE LOCATED WITHIN 100 FEET OF THE TIE-IN TO EXISTING SEWER AND SPACED NO GREATER THAN 500 FEET ALONG THE SEWER ALIGNMENT THEREAFTER. TBM'S SHALL HAVE ELEVATIONS TIED TO THE NAVD 1988 DATUM.
- SEWER PIPE WITH COVER OF GREATER THAN 3 FEET, SHALL BE BELL AND SPIGOT, POLYVINYL CHLORIDE (PVC), SDR 35, ASTM D-3034 FOR 4-INCH THROUGH 15-INCH AND ASTM F679 FOR 18-INCH THROUGH 27-INCH AS SET FORTH BY THE BOISE PUBLIC WORKS DEPARTMENT. SEWER PIPE WITH LESS THAN 3 FEET OF COVER SHALL BE DUCTILE IRON CONFORMING TO ANSI A-21.51 OR AWWA C-151 MINIMUM CLASS 50. A RUBBER RING IS TO BE INSTALLED WHERE THE PIPE IS IN CONTACT WITH THE MANHOLE BASE AND/OR ITS CHANNEL IN ORDER TO ENSURE A WATER-TIGHT SEAL.
- THE SEWER CONTRACTOR SHALL SUPPLY ALL LID ASSEMBLIES AND THE REQUIRED NUMBER OF RISER AND GRADE RINGS. THE SEWER CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF THE TOP OF THE MANHOLE CONE TO ASSURE THAT RING ELEVATIONS MATCH FINAL STREET GRADES. THE MAXIMUM HEIGHT OF THE GRADE RINGS SHALL BE SUCH THAT THE FINISHED GRADE ELEVATION OF THE MANHOLE FRAME AND COVER SHALL NOT BE MORE THAN TWENTY-ONE (21) INCHES ABOVE THE TOP OF THE MANHOLE CONE.
- THE PAVING CONTRACTOR SHALL SET THE GRADE RINGS AND POUR THE CONCRETE COLLARS PER STANDARD DRAWING NO. SD 508. THE PAVING CONTRACTOR SHALL CONTACT ACHD 24 HOURS PRIOR TO POURING CONCRETE COLLARS WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE TRENCH BACKFILL ABOVE THE PIPE ZONE WILL BE INSPECTED BY ACHD IN THE PUBLIC RIGHT-OF-WAY AND BY THE DEVELOPER'S ENGINEER AT ALL OTHER SEWER CONSTRUCTION IN ACCORDANCE WITH THE LATEST EDITION OF THE "CONSTRUCTION QUALITY ASSURANCE MANUAL". COMPACTION TESTS ARE REQUIRED ON THE BACKFILL ABOVE THE PIPE ZONE, WITHIN PUBLIC RIGHT-OF-WAY. TESTING SHALL BE CONDUCTED TO MEET ALL ACHD REQUIREMENTS AND THE RESULTS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO FINAL ACCEPTANCE.
- THE BOISE PUBLIC WORKS DEPARTMENT MAY TEST THE COMPACTION OF THE SEWER PIPELINE BEDDING IN THE SEWER EASEMENT OF THE SUBDIVISION TO THE WEST. TESTING WILL BE DONE BY AN INDEPENDENT TESTING LABORATORY. THE COST OF THE FIRST TEST WILL BE PAID BY THE BOISE PUBLIC WORKS DEPARTMENT. IF THE FIRST TEST FAILS TO MEET REQUIRED COMPACTION, ALL RE-TESTING SHALL BE PAID BY THE SEWER CONTRACTOR. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND/OR TESTING LABORATORY TO SCHEDULE THE TESTS PRIOR TO ANY PIPE LAYING AND BACKFILLING.
- THE CONTRACTOR SHALL LEAVE THE EXCAVATION FOR THE UPSTREAM END OF ALL SERVICE LINES OPEN FOR FIELD VERIFICATION OF THE INVERT ELEVATION BY THE ENGINEER'S INSPECTOR. THE CONTRACTOR SHALL NOT BACKFILL THE ENDS OF SERVICE LINES UNTIL HE HAS OBTAINED APPROVAL FROM THE ENGINEER OF RECORD OR MADE OTHER ARRANGEMENTS FOR THE VERIFICATION OF SERVICE LINE INVERT ELEVATIONS.
- PRIOR TO FINAL ACCEPTANCE, AFTER ALL UTILITIES ARE IN AND PRIOR TO PAVING, AN AIR TEST SHALL BE CONDUCTED. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD A MINIMUM OF 24 HOURS PRIOR TO TESTING. ALL MANHOLES SHALL BE TESTED IN ACCORDANCE WITH THE ISPC AND BOISE CITY'S MODIFICATIONS.
- THE SEWER MAIN SHALL BE TESTED FOR DEFLECTION IN ACCORDANCE WITH THE ISPC AND BOISE CITY'S MODIFICATIONS. ALL SEWER LINES SHALL BE TELEVIEWED WITH A CLOSED CIRCUIT TELEVISION CAMERA IN ACCORDANCE WITH THE ISPC AND BOISE CITY'S MODIFICATIONS. NO STANDING WATER SHALL BE PRESENT. ENGINEER OF RECORD SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF CCTV.

DRAINAGE DISTRICT NO. 3

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST SPECIFICATIONS AND STANDARD DRAWINGS OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPC), AND/OR DRAINAGE DISTRICT NO. 3 SPECIFICATIONS.
- ALL MATERIALS SHALL MEET THE SPECIFICATIONS OF THE APPROVING AGENCY.
- CONTRACTOR TO FURNISH MATERIAL SPECIFICATIONS TO THE ENGINEER OF RECORD/DRAINAGE DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION.
- ALL PIPE MATERIAL SHALL BE SANITITE HP DUAL WALL PIPE OR SOLID WALL WITH WELDED JOINTS.
- PIPES SHALL BE BEDDED AND COMPACTED PER SECTION 300 OF THE ISPC WITH CLASS A-1 BEDDING.
- THIS DRAIN IS LIVE AND HAS TO CONTINUE TO CARRY ITS FLOW THROUGHOUT CONSTRUCTION.
- CONTRACTOR TO NOTIFY ENGINEER OF RECORD 48 HOURS PRIOR TO CONSTRUCTION FOR CONSTRUCTION OBSERVATION.
- ALL MANHOLE LIDS TO BE STANDARD SOLID LIDS LABELED "STORM DRAIN".
- PRIOR TO MOBILIZING, THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE WITH DRAINAGE DISTRICT #3, TO BE COORDINATED BY THE DEVELOPER. THE MEETING ATTENDANCE SHALL INCLUDE THE DEVELOPER, DRAINAGE DISTRICT #3 SUPERINTENDENT AND ENGINEER, PROJECT ENGINEER, AND CONTRACTOR.
- CONTRACTOR SHALL MANAGE ALL WATER GENERATED FROM DE-WATERING ACTIVITIES ONSITE. IF CONTRACTOR CHOOSES TO DISCHARGE WATER OFF SITE AND TO WATERS WHICH ARE, OR ULTIMATELY FLOW TO, WATERS OF THE STATE THEN A "SHORT TERM ACTIVITY EXEMPTION" OR EQUIVALENT SHALL BE OBTAINED FROM THE DEPARTMENT OF ENVIRONMENTAL QUALITY. ALL PROPOSED DISCHARGES TO DRAINAGE DISTRICT #3 FACILITIES SHALL BE APPROVED IN WRITING BY THE DISTRICT PRIOR TO THE DISCHARGE OCCURRING. APPROVAL OF DISCHARGE TO DRAINAGE DISTRICT #3 FACILITIES REQUIRES SUBMITTAL OF A DE-WATERING PLAN BY THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN THE DRAIN IN AN OPERABLE CONDITION AT ALL TIMES. PRIOR TO STARTING WORK AFFECTING THE DRAIN, THE CONTRACTOR SHALL DEVELOP A TEMPORARY BYPASS PLAN FOR APPROVAL BY DRAINAGE DISTRICT #3 WHICH DESCRIBES THE CONTRACTOR'S PROPOSED METHODS AND EQUIPMENT TO MAINTAIN THE FULL FUNCTION OF THE DRAIN AT ALL TIMES DURING CONSTRUCTION.
- ALL FIELD QUALITY CONTROL TESTING REPORTS AFFECTING DRAIN A SHALL BE PROVIDED TO DRAINAGE DISTRICT #3.
- ALL CONSTRUCTION MATERIAL AND INSTALLATION SHALL COMPLY WITH THE DRAINAGE DISTRICT #3 BOARD'S LATEST STANDARD SPECIFICATIONS.
- PIPE TRENCH SHALL CONFORM TO DIVISION 300 OF THE LATEST EDITION OF THE ISPC AND SD-301. BEDDING AND BACKFILL SHALL BE CONSTRUCTED PER SECTIONS 305 AND 306 OF THE ISPC.
- SEE PLAN & PROFILE FOR PIPE ANGLES, PIPE SIZES, ELEVATIONS, AND DIRECTION OF FLOW.
- DRAINAGE FACILITIES STRUCTURES SHALL HAVE A 12-INCH SUMP.
- ALL PIPES SHALL BE 42" HDPE.
- ALL PIPE INSTALLATION SHALL BE INSPECTED BY THE PROJECT ENGINEER OR THEIR REPRESENTATIVE. 48-HOURS MINIMUM NOTICE IS REQUIRED.
- ALL PIPE SECTIONS SHALL BE TESTED PER ISPC DIVISION 500, SECTION 501. TESTING SHALL BE WITNESSED BY THE PROJECT ENGINEER OR THEIR REPRESENTATIVE. COPIES OF ALL TESTING REPORTS SHALL BE PROVIDED TO DRAINAGE DISTRICT #3'S ENGINEER.

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NOTES TO CONTRACTOR:

- CONTRACTOR TO FIELD VERIFY ALL EXISTING CURB & GUTTER, STORM DRAIN, CHANNEL CROSSINGS, & SEWER ELEVATIONS OR INVERTS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF ELEVATIONS OR INVERTS DO NOT MATCH PLANS.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- FOR ACTUAL ELEVATIONS, ADD 2700' TO ELEVATIONS SHOWN.

*CONTRACTOR TO FIELD VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO CONSTRUCTION.

LEAVITT & ASSOCIATES ENGINEERS, INC.
STRUCTURAL * CIVIL SURVEYING

1324 FIRST STREET SOUTH NAMPA IDAHO 83651
 PHONE (208)463-0333/463-7670 FAX (208)463-9040

Original sealed by: *[Signature]*
 PROFESSIONAL ENGINEER
 REGISTERED
9395
 STATE OF IDAHO
 DATE ORIGINAL: 5/21/2023
 DATE REISSUED: 5/21/2023

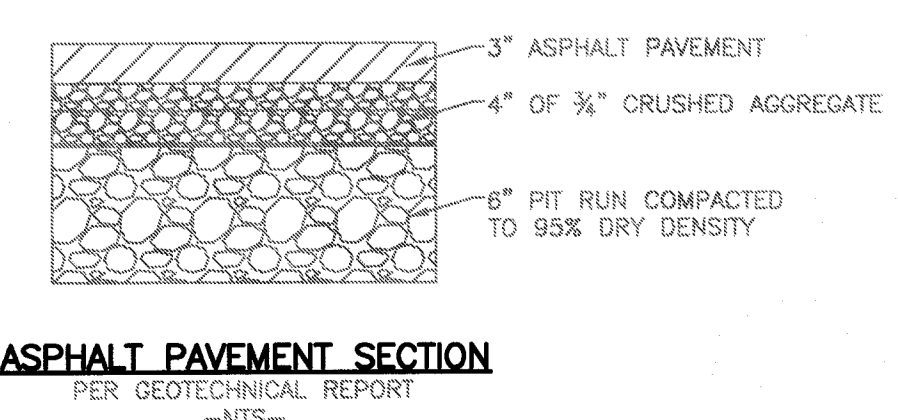
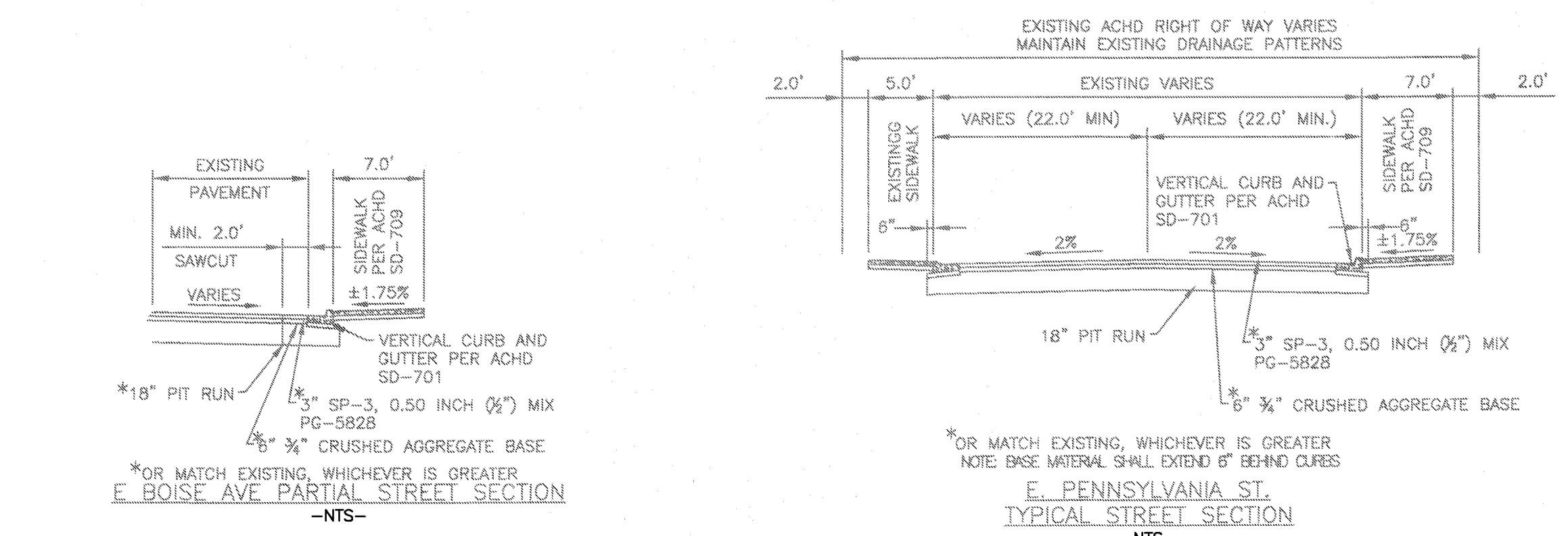
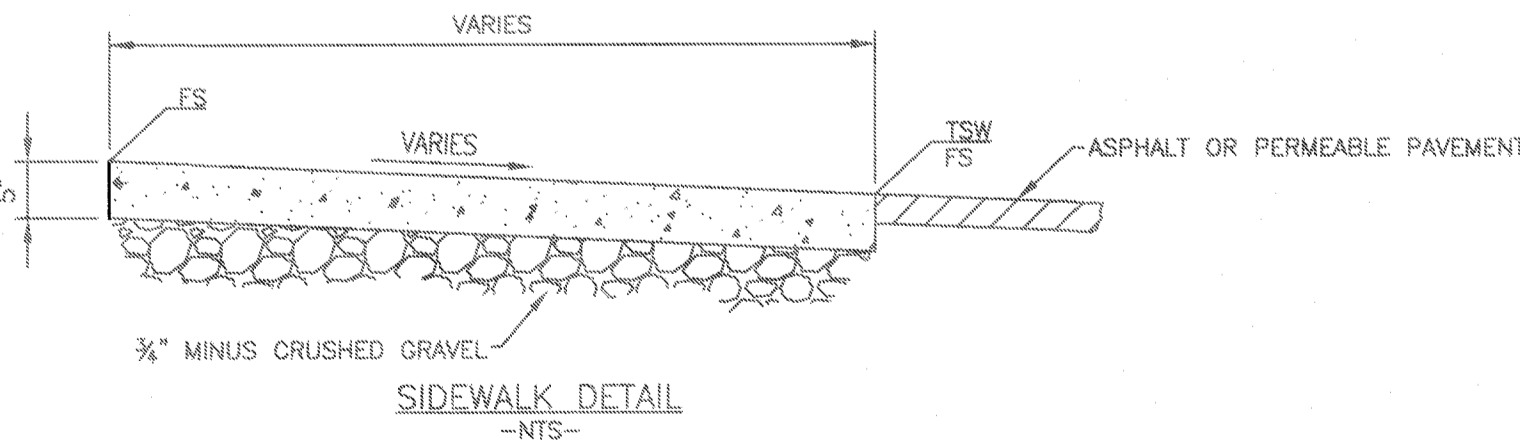
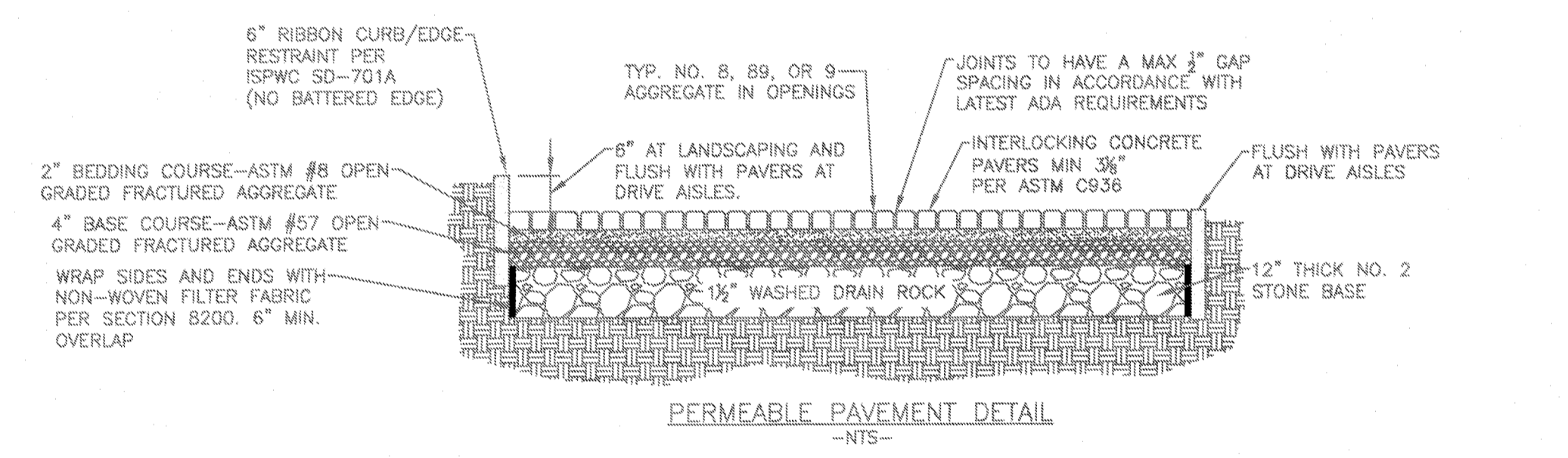
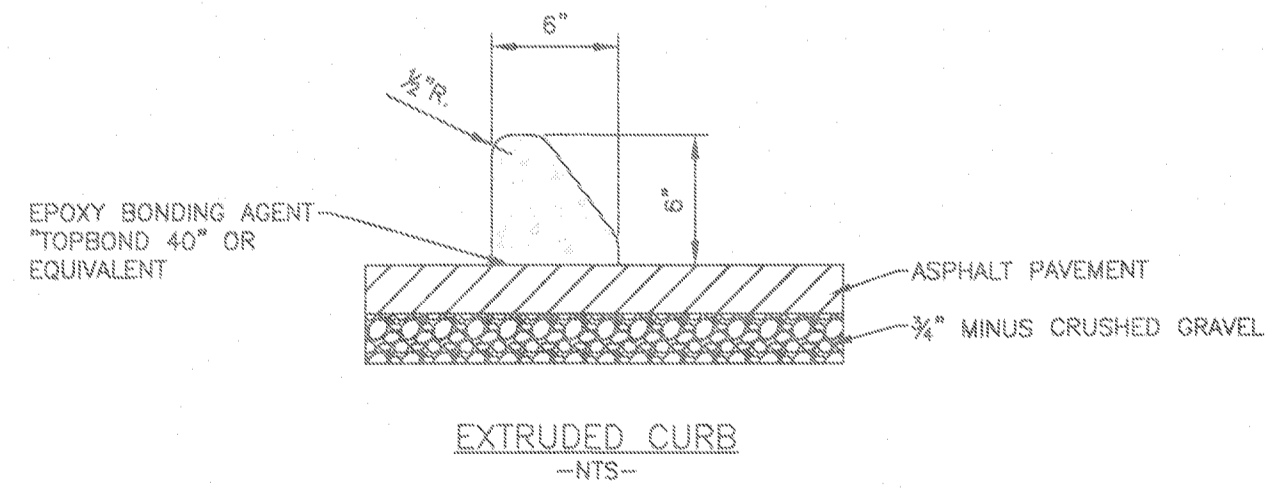
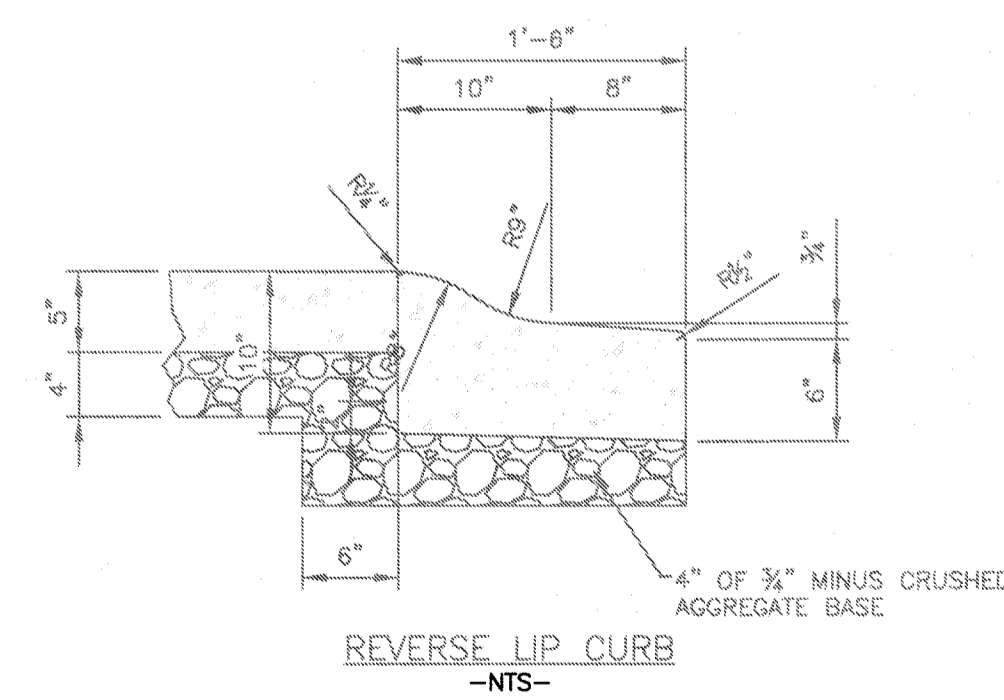
NOTES AND DETAILS

Drawn by: NJP
 Checked by: PDL
 Date: 08/10/21
 Sheet Number: 21031.002
 Project Number: NUP

BOISE 23
 BOISE, IDAHO

OWNER/DEVELOPER:
CHRYSALLIS ARCHITECTURE
 3130 W STATE ST
 BOISE, ID 83703
 PHONE (208) 596-1565

ADDED RECORD INFORMATION	
DL	ISSUED PER ARCHITECT REQUEST
DL	REV. PER CITY ACHD COMM.
DL	REV. PER CITY SEWER COMM.
DL	REV. PER DD#3
DL	REV. PER ARCHITECT
PDL	REV. PER DD3 COMM. AND CLIENT
DL	DESCRIPTION
BY	DATE
NO.	REVISIONS



RECORD DRAWING

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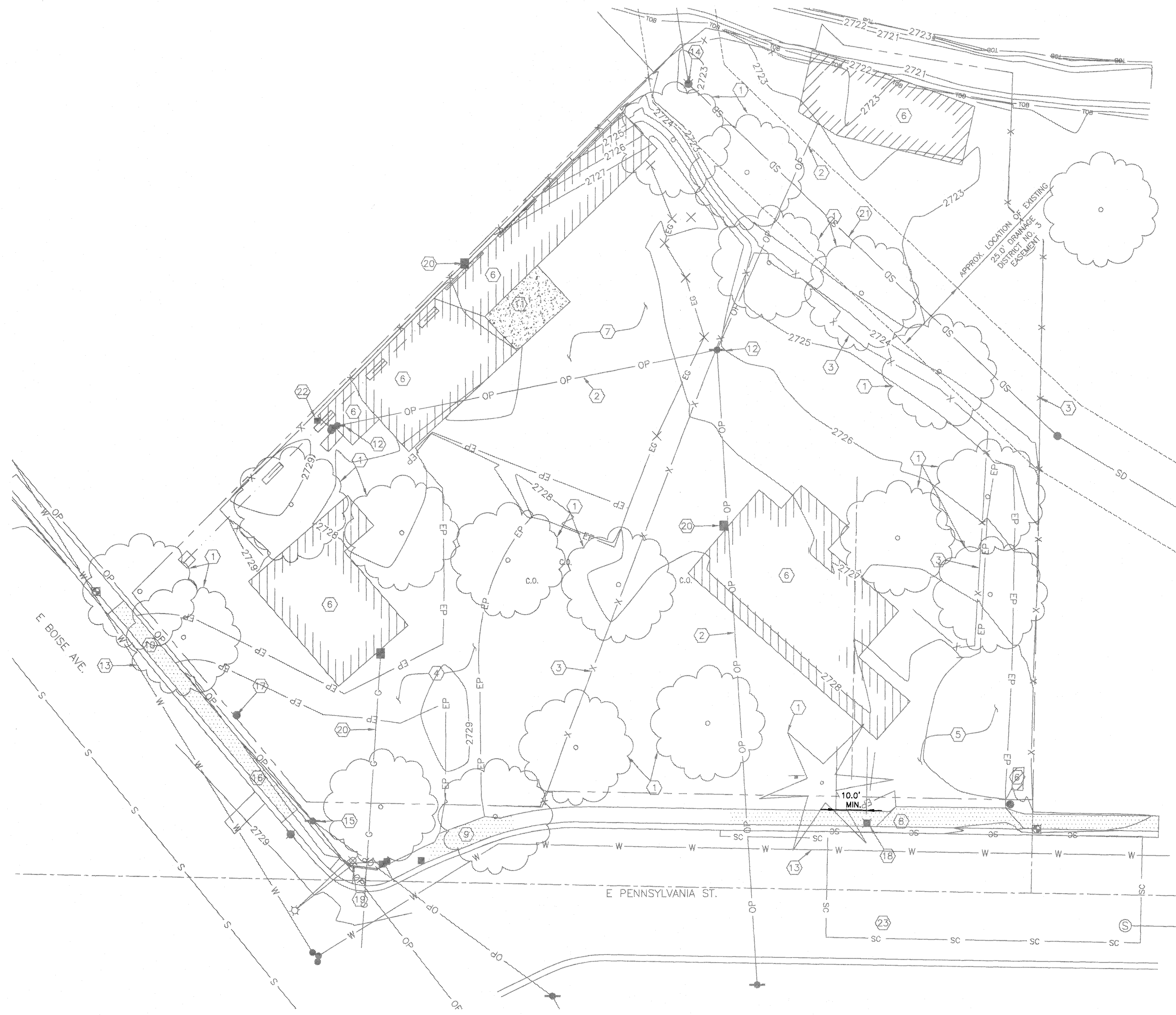
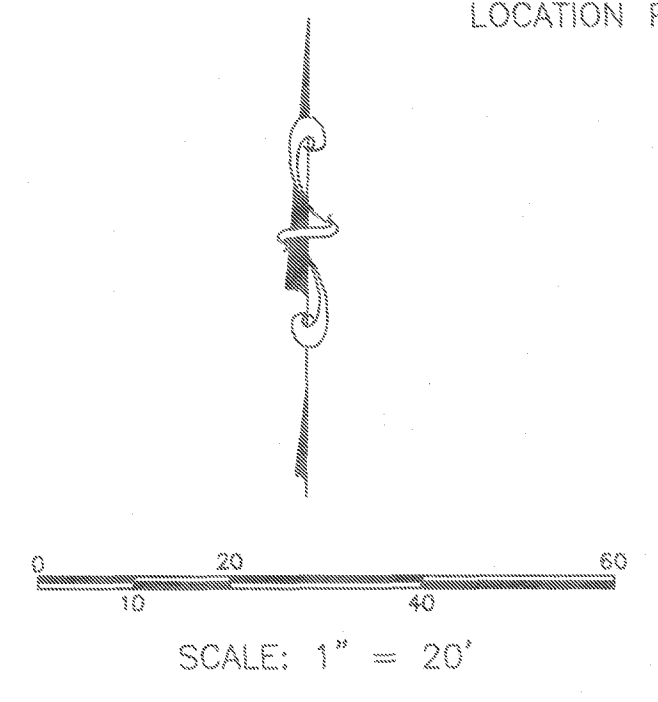
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LEAVITT & ASSOCIATES ENGINEERS, INC.
STRUCTURAL * CIVIL SURVEYING
 1324 FIRST STREET SOUTH NAMPA IDAHO 83851
 PHONE (208)463-0333/463-7670 FAX (208)463-9040

NOTES TO CONTRACTOR:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CURB & GUTTER, STORM DRAIN, CHANNEL CROSSINGS, & SEWER ELEVATIONS OR INVERTS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF ELEVATIONS OR INVERTS DO NOT MATCH PLANS.
2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
3. FOR ACTUAL ELEVATIONS, ADD 2700' TO ELEVATIONS SHOWN.

*CONTRACTOR TO FIELD VERIFY HORIZONTAL & VERTICAL LOCATION PRIOR TO CONSTRUCTION.

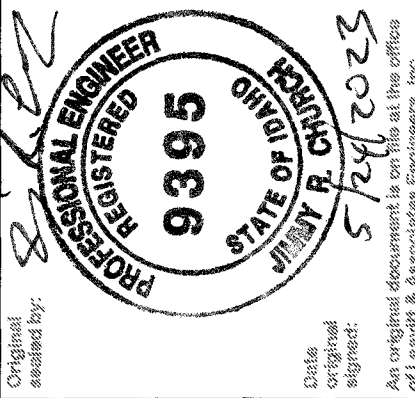


DEMOLITION KEYNOTES

- 1 EXISTING TREE, STUMP AND ROOTS GREATER THAN 1/2" TO BE REMOVED AND DISPOSED OF OFFSITE.
- 2 REMOVE EXISTING OVERHEAD POWER LINE/SERVICE. COORDINATE W/ IDAHO POWER.
- 3 EXISTING FENCE TO BE REMOVED AND DISPOSED OF OFFSITE. COORDINATE ANY REPLACEMENT W/ LANDSCAPE PLANS.
- 4 REMOVE APPROX. 3,752 SQFT OF EXISTING PAVEMENT AND DISPOSE OF OFFSITE.
- 5 REMOVE APPROX. 2,820 SQFT OF EXISTING PAVEMENT AND DISPOSE OF OFFSITE.
- 6 EXISTING BUILDING AND FOUNDATION TO BE REMOVED AND DISPOSE OF OFFSITE.
- 7 REMOVE APPROX. 4,847 SQFT OF EXISTING GRAVEL AND DISPOSE OF OFFSITE.
- 8 SAWCUT AND REMOVE APPROX. 97 LF OF CONCRETE DRIVEWAY, SIDEWALK AND DISPOSE OF OFFSITE.
- 9 SAWCUT AND REMOVE APPROX. 30 LF OF CONCRETE DRIVEWAY, SIDEWALK AND DISPOSE OF OFFSITE.
- 10 SAWCUT AND REMOVE APPROX. 20 LF OF CONCRETE DRIVEWAY AND DISPOSE OF OFFSITE.
- 11 REMOVE APPROX. 373 SQFT. CONCRETE PAD AND DISPOSE OF OFFSITE.
- 12 EXISTING POWER POLE TO BE REMOVED AND DISPOSED OF OFFSITE.
- 13 PROTECT EXISTING WATER LINE PLACE.
- 14 REMOVE AND DISPOSE OF EXISTING DRAINAGE MANHOLE AFTER NEW CONNECTION IS MADE.
- 15 PROTECT EXISTING POWER POLE IN PLACE.
- 16 REMOVE APPROX. 68 LF OF CONCRETE SIDEWALK AND CURB AND DISPOSE OF OFFSITE.
- 17 EXISTING WATER METER TO BE ABANDONED IN PLACE.
- 18 EXISTING MAILBOX TO BE REMOVED AND DISPOSED OF OFFSITE.
- 19 PROTECT EXISTING TRAFFIC SIGNAL IN PLACE.
- 20 EXISTING GAS SERVICE TO BE REMOVED AND DISPOSED OF OFFSITE. COORDINATE WITH INTERMOUNTAIN GAS CO.
- 21 PROTECT EXISTING 42" DRAIN PIPE IN PLACE DURING THE CONSTRUCTION OF NEW DRAINAGE FACILITY. SEE SHEET C-4.
- 22 PROTECT EXISTING IRRIGATION STRUCTURE, PUMP AND/OR WELL IN PLACE FOR PRESSURIZED IRRIGATION TO BE CONSTRUCTED BY THE LAND OWNER WHEN SUBDIVISION OCCURS AS A DESIGN-BUILD BY THE LANDSCAPE CONTRACTOR FOR THE USE AND OPERATION BY THE HOMEOWNERS ASSOCIATION. COORDINATE WITH LANDSCAPE PLANS.
- 23 SAWCUT AND REMOVE APPROXIMATELY 3,600 SF ASPHALT FOR SEWER EXTENSION. REMOVE ADDITIONAL PAVEMENT FOR ULTIMATE PATCH BACK OF APPROXIMATELY 3,600 SF.

RECORD DRAWING

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DEMOLITION AND PRESSURE IRRIGATION PLAN
 Job Number: 21031.002
 Date: 09/10/21
 Checked By: NJP
 Drawn By: PDL
 Prepared By: NJP
 Created By: NJP

BOISE 23
 BOISE, IDAHO
 OWNER/DEVELOPER:
CHRYSALLIS ARCHITECTURE
 3130 W STATE ST
 BOISE, ID 83703
 PHONE (208) 596-1565

ADDED RECORD INFORMATION	
DL	DESCRIPTION
5/23/23	ISSUED PER ARCHITECT REQUEST
3/07/23	REV. PER CITY COMM. 11/14/22
11/14/22	REV. PER CITY COMM. 11/08/22
11/09/22	REV. PER CITY COMM. 10/24/22
10/24/22	REV. PER ACHD COMMENTS
05/09/22	REV. PER CITY ENGINEER COMMENTS
04/01/22	DESCRIPTION
No.	DATE
BY	BY

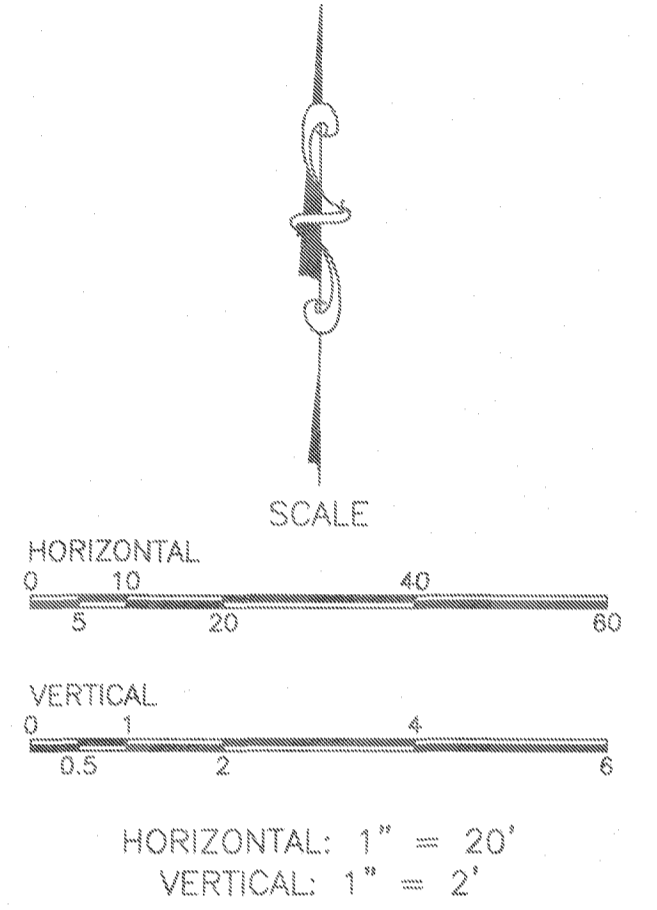
Sheet Number: **C-3**

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- NOTES TO CONTRACTOR:**
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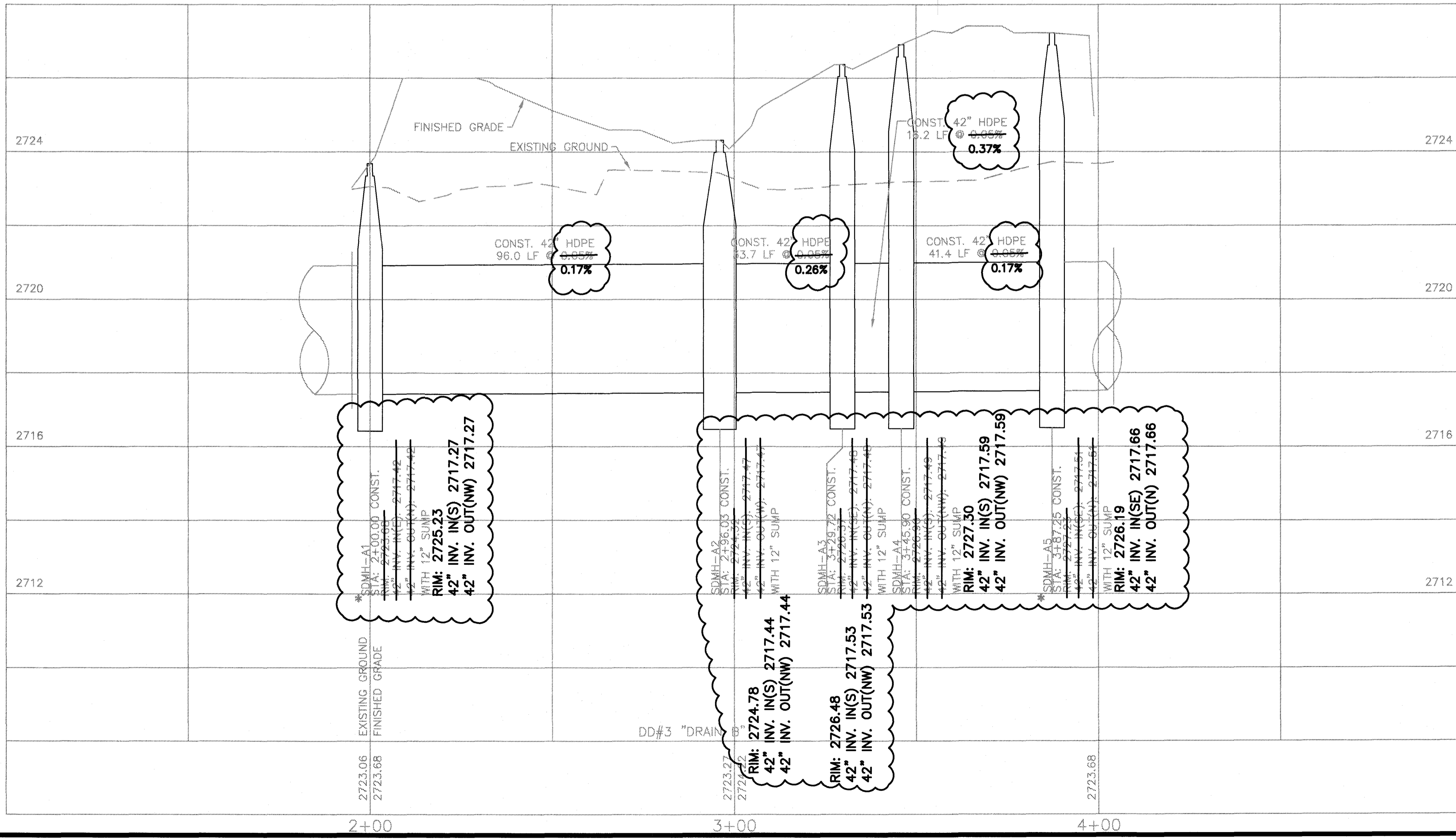
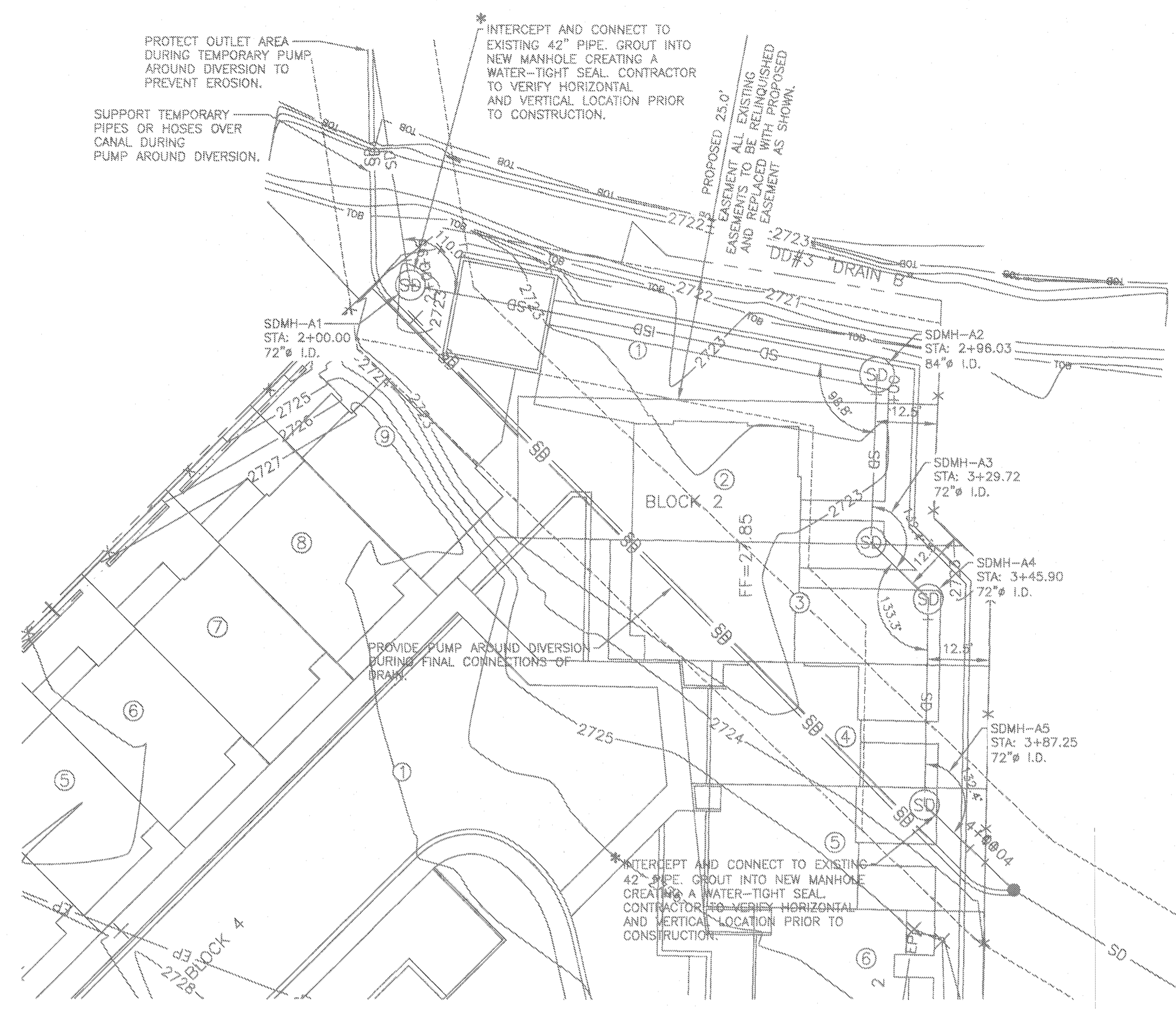


RECORD DRAWING

DRAIN B SEQUENCING NOTES:

- CONSTRUCT NEW DRAIN FROM STATION 2+23.5 TO 3+82.48.
- WHEN READY TO MAKE CONNECTIONS TO THE NEW DRAIN PIPE, CONTRACTOR TO VERIFY WEATHER OUTLOOK FOR A WEEK WITHOUT PRECIPITATION TO CONTINUE WITH MINIMUM FLOWS.
- INSTALL PUMP AT NEXT MANHOLE UPSTREAM, PUMP TO PROVIDE 35 cfs WITH 20FT. OF HEAD AS NEEDED TO FINISH CONNECTIONS AND COMMISSION.
- LAY PIPE OR HOSE CAPABLE OF HANDLING FLOW FROM UPSTREAM MANHOLE TO OUTLET AREA.
- PROTECT OUTLET AREA TO PREVENT EROSION.
- PLUG EXISTING PIPES AND PUMP WATER AROUND CONSTRUCTION AREA.
- CONSTRUCT INTERCEPTS TO EXISTING PIPE.
- REMOVE PLUGS AND ALLOW WATER TO FLOW THROUGH NEW PIPE.
- REMOVE PUMPS AND TEMPORARY PIPE/HOSES.
- REMOVE ABANDONED PIPE.

CONTRACTOR TO SUBMIT PLANS FOR REVIEW TO DRAINAGE DISTRICT 3 PRIOR TO BEGINNING OF CONSTRUCTION.



DD#3 "DRAIN B" PLAN AND PROFILE

BOISE 23
 BOISE, IDAHO
 OWNER/DEVELOPER:
CHRYSALLIS ARCHITECTURE
 3130 W STATE ST
 BOISE, ID 83703
 PHONE (208) 596-1565

ADDED RECORD DATA			
5/23/23	DL ISSUED PER ARCHITECT REQUEST		
3/07/23	DL REV. PER DRAINAGE DISTRICT		
04/19/22	DL REV. PER DRAINAGE DISTRICT		
02/07/22	DL REV. PER DRAINAGE DISTRICT		
01/05/22	DL REV. PER ARCHITECT		
11/05/21	DL REV. PER DRAINAGE DISTRICT		
10/04/21	PDL REV. PER DRAINAGE DISTRICT		
No.	DATE	BY	DESCRIPTION
REVISIONS			

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