DOC #4923462
06/25/2019 11:37:05 AM
Electronic Recording Requested By
TICOR TITLE - RENO (COMMERCIAL)
Washoe County Recorder
Kalie M. Work
Fee: $41.00 RPTT: $0
Page 1 of 50

APN: 027-011-07, 08 and 09

When Recorded Mail To:
Orr Ditch Water and Extensions Company
c/o McDonald Carano
P.O. Box 2670
Reno, NV 89505

The undersigned hereby affirms that this document submitted for recording does not contain the personal information of any person or persons per N.R.S. 239B.030.

1901311-CD

THIS DOCUMENT IS BEING RECORDED AS AN ACCOMMODATION ONLY. NO LIABILITY IS ASSUMED HEREBY.

AGREEMENT
April, 2019

Article 1 PARTIES AND RECITALS

1.1 Parties

Washoe County ("**County**")	County of Washoe A political subdivision of the State of Nevada P.O. Box 11130 Reno, Nevada 89520 Attn: Dave Solaro, Assistant County Manager
Washoe County School District ("**School District**")	Washoe County School District A political subdivision of the State of Nevada 14101 Old Virginia Road Reno, Nevada 895 Attn: Pete Etchart, Chief Operating Officer
Orr Ditch and Extensions Water Company ("**Company**")	Orr Ditch and Extensions Water Company, A Nevada a domestic corporation P.O. Box 50404 Sparks, Nevada 89435 Attention: Ron Gribble, Director
Reno Sparks Convention and Visitors' Authority ("**RSCVA**")	Reno Sparks Convention and Visitors' Authority, a County Fair and Recreation Board created pursuant to NRS Chapter 244A 4001 S. Virginia Street

Reno, NV 89502
Attention: Phil DeLone, President/CEO

1.2 Recitals

1.2.1 The County is the owner and operator of a certain parcel of real property located in Section 29, 30, 31 and 32, T20N, R20E, M.D.B.&M., more particularly described as Parcel No. 3 of that certain parcel map (Parcel Map No. 5369), recorded on September 12, 2018, File # 4850128 (the "County Parcel.")

1.2.2 The School District is the owner and operator of a certain parcel of real property located in Section 29, 30, 31 and 32, T20N, R20E, M.D.B.&M., more particularly described as Parcel No. 2 of that certain parcel map (Parcel Map No. 5369), recorded on September 12, 2018, File # 4850128 (the "School District Parcel.")

1.2.3 The Company is the owner of that certain waterway commonly known as the Orr Ditch (the "Orr Ditch") which in its current and historical alignment includes easements or rights-of-way traversing portions of the School District Parcel and the County Parcel. The typical period of use and operation of the Orr Ditch by Company for irrigation purposes is from April 1st through November 1st (the "Irrigation Season").

1.2.4 The County, the School District, and the RSCVA are parties to a Cooperative Agreement for the transfers of property rights relating to the County Parcel and the School District Parcel and which contemplates the construction of a school on the School Parcel. The school project requires the realignment of the Orr Ditch onto the County Parcel. The School District's construction of the school project will also include engineered improvements to the flow of storm water across the School District Parcel which shall have the effect of diverting storm flows away from the Orr Ditch.

1.2.5 The School District's contemplated realignment of a portion of the Orr Ditch involves constructing a new channel across the County Parcel roughly from west to east, constructing an inverted siphon and underground pipe and appurtenant facilities through such new channel, ("Siphon Facilities") and grading over the portion of the Orr Ditch that traverses the School District Parcel (collectively, the "Realignment Work"). The Realignment Work will reduce the overall length of Orr Ditch. A portion of the Realignment Work will direct the ditch flows through the Siphon Facilities which is intended to help prevent infiltration of surface water and reduce leakage from the ditch. For this Agreement the underground segment in the new channel, the historical above-ground portion of the Orr Ditch being perpetuated and the connections of those segments of the Orr Ditch which are or will be located on the County Parcel are referred to as the "County Parcel Ditch Segment."

1.2.6 The Company and the RSCVA are parties to a 1978 agreement (as amended) involving maintenance and liability of the portion of the Orr Ditch which traverses the County Parcel and the School District Parcel which agreement places certain duties and other obligations on RSCVA.

1.2.7 The proper functioning of irrigation ditches in the Northern Nevada climate require certain volumes and velocities of water flow which, in turn, require maintenance and repair of ditch facilities.

1.2.8 School District and County have requested Company abandon portions of the Orr Ditch right of way on the School District Parcel, and consent to the Realignment Work, the realignment of portions of the Orr Ditch on the County Parcel, and the diversion of the Orr Ditch through the Siphon Facilities.

1.2.9 The Parties desire by this Agreement to memorialize their agreements with respect to the Realignment Work and certain rights and duties related to the realignment of the Orr Ditch, abandonment of portions of the Orr Ditch right of way, and ongoing maintenance and liability with respect to the Orr Ditch where it traverses the School District Parcel and the County Parcel.

NOW, THEREFORE, THAT PARTIES AGREE IT IS HEREBY AGREE:

Article 2 RIGHTS AND DUTIES

2.1 The Company.

1. The Company grants to the School District and the County the right to perform the Realignment Work in accordance with this Agreement and relocate a portion of the Orr Ditch in the alignment shown on Exhibit A. The design of the Realignment Work is subject to review and approval of the Company which approval shall not be unreasonably withheld if the redesigned and reconstructed Orr Ditch meets or exceeds Company's historic flow capacity requirements and minimizes interference with and access to the Orr Ditch, and imposes no new maintenance obligations on Company.

2. The Company will cooperate with the School District and take all reasonably required actions to abandon, transfer, or otherwise extinguish the Company's property rights to the portion of the Orr Ditch on the School District Parcel within thirty (30) days of the later of i) final completion of the Siphon Facilities, including connection into the Orr Ditch; and ii) County's conveyance of the New Easement to Company.

3. Company shall have no duties, liability or responsibility with respect to the operation, maintenance, repair or replacement of the Siphon Facilities; provided, however, Company shall have the perpetual right and easement to convey water through the Siphon Facilities in accordance with the New Easement.

4. Company hereby grants County a license to enter over, upon and across any property owned, operated or controlled by Company within the Orr Ditch in connection with the cleaning, repair or maintenance of the Orr Ditch on the County Parcel as contemplated by this Agreement, provided County's entrance and repair or maintenance of the Orr Ditch does not impair, impede or in any manner disrupt any use of the Orr Ditch by Company, including without limitation, the delivery of irrigation water through the Orr Ditch.

5. The Company agrees that the March 23, 1973 agreement between the RSCVA and the Orr Ditch Company, including the June 12, 1978 addendum, is terminated effective upon the effective date of this Agreement, and the RSCVA is hereby released of any and all liability, claims or obligations arising from, or related to, the Orr Ditch accruing after the effective date of this Agreement.

6. The Company agrees that except as otherwise expressly provided in this Agreement, nothing changes any duty or right the Company has for the Orr Ditch.

2.2 The County.

1. County shall be solely responsible for performing and for payment of all costs incurred in connection with performing: i) all maintenance, cleaning, repairs, and replacement of the Siphon Facilities, cleaning all debris from any intake facilities, and keeping the Siphon Facilities in good condition and operating at their intended flow capacity such that they do not impair or impede the conveyance of water through the Orr Ditch; and ii) maintenance and cleaning of the Orr Ditch on the County Parcel, including:

A. Cleaning all debris which may collect from the mud banks, sides and bottom which may impede water flow of the Orr Ditch.

B. Trimming and removing vegetation above and below the water line of the Orr Ditch so as not to impede water flow of the Orr Ditch which may include the removal of roots or portions thereof.

C. Repairing cave-ins along banks of the Orr Ditch and removing such cave-ins where repair appears impossible to perform.

D. Removing all large rocks which may fall into the Orr Ditch and which may impede the water flow in the Orr Ditch.

E. Taking reasonable steps to prevent any washouts at bridge cross sites which may occur during times when there is high water flow in the Orr Ditch.

F. Managing the water flow from the Sun Valley area of Washoe County, Nevada during periods when there may be excessive water runoffs from that area, particularly to maintain and manage such runoffs by eliminating obstructions to keep such water above and below ground open and flowing.

The County accepts responsibility for the duties described in this paragraph 1 of Section 2.2, above and shall perform all such work with its employees, contractors or other agents in a workmanlike manner to the reasonable satisfaction of the maintenance supervisors of the Company. Except in the event of an emergency or routine cleaning of the Orr Ditch or Siphon Facilities, County shall not perform any other repairs or replacement work on the Siphon Facilities or Orr Ditch during the Irrigation Season without Orr Ditch prior written consent.

2. The County agrees to provide to the School District access to the portions of the County Parcel necessary for the School District to survey, design, construct and inspect the realignment of the Orr Ditch on the County Parcel.

3. The County shall grant Company a perpetual non-exclusive easement across, under, and through portions of the County Parcel i) to use, operate and convey water through the Siphon Facilities, provided Company's right to convey water through the Siphon Facilities shall at all times be superior to and senior in right to any other flows through the Siphon Facilities it being the express intention that Company at all times have sufficient capacity within the Siphon Facilities for conveyance of irrigation water; and ii) granting the right, but not the obligation, to access, maintain and repair the Siphon Facilities in the event of an emergency or in the event County fails to timely do so; and iii) as otherwise necessary for the realignment of the Orr Ditch contemplated by this Agreement (the "New Easement"). The New Easement shall be forty (40) feet in width along the centerline of the Siphon Facilities and any portion of the realigned ditch. The scope of the New Easement set forth above is for an irrigation ditch and shall include all other rights necessary thereto including the right of the Company to access the ditch. The form and substance of the New Easement shall be mutually agreed upon by County and Company and prior to commencement of the Relocation Work County shall deliver to the Company a deed for the New Easement fully executed in recordable form.

4. County shall be the sole and exclusive owner of the Siphon Facilities, subject to the New Easement and rights granted Company under this Agreement.

5. County shall not and shall not authorize any other person to discharge or convey storm water into, or dump any hazardous materials into, the Orr Ditch on the County Parcel.

6. The County agrees to indemnify, defend and hold harmless the Company from and against any and all losses, claims, liabilities, damages to persons or property, costs and expenses, including reasonable attorneys' fees, made against or incurred by County or Company resulting or arising from:

(i) any willful or negligent act or omission of County related to or affecting the use, operation, repair or maintenance of the Siphon Facilities;
(ii) water escaping from or overflowing the Siphon Facilities;
(iii) any point source pollution attributable to or arising from County's work on the Siphon Facilities;
(iv) asserted by any person as a result of an incident on or within the Siphon Facilities which is the result of the acts or omissions of County, its officers, employees, or agents or any use by any person of the Siphon Facilities;
(v) any failure of the Siphon Facilities, or unplanned impairment or interruption in the delivery of water caused by County, excluding therefrom claims arising from physical damage to the Siphon Facilities directly caused solely by the negligent or willful misconduct of Company; and
(vi) death or injury or damage to property in or around the County Parcel Ditch Segment.

As to the Company only, County expressly waives, and acknowledges and agrees it shall not assert against the Company any liability limitation otherwise available to the County under NRS Chapter 41 or other similar sovereign immunity provisions of Nevada law, including without limitation NRS 41.032 and NRS 41.033. County acknowledges and agrees the foregoing indemnification is a material inducement to Company to enter this Agreement. The foregoing shall not benefit any third party, and County expressly reserves all rights to assert NRS chapter 41 or other similar

sovereign immunity provisions of Nevada law against all persons other than the Company. The foregoing shall be construed at all times for the benefit of Company, and unless Company agrees otherwise shall not be severable from this Agreement for any reason, including any determination that any portion of the foregoing release and indemnity is unenforceable or invalid.

7. County shall provide at its expense and keep in force so long as this Agreement remains in force and/or the Siphon Facilities remain in operation, a commercial general liability policy protecting Company against liability occasioned by the Siphon Facilities or negligent acts or omissions by County, its officers, employees, agents or its invitees, including County's obligations to indemnify, defend and hold Company harmless in Section 6. The amount of such liability insurance shall be not less than One Million Dollars ($1,000,000) combined single limit per occurrence for bodily injury and property damage under commercial general liability and $1,000,000 combined single limit for bodily injury and damage under commercial automobile liability. County's commercial general liability shall be primary coverage for Company as the additional insured and any insurance, or self-insurance maintained by Company shall be excess of and noncontributory with any insurance, or self insurance carried or offered by County on behalf of Company. Insurance coverage, or any self-insurance or other coverage maintained by the County, or its subcontractors shall apply on a first dollar basis. A waiver of subrogation shall be provided in favor of Company from any and all claims of damages alleged by County, or its insurance company against Company, as an additional insured. Copies of the insurance coverage, any self-insurance or other program referenced in this paragraph shall be provided to Company by Certificate of Coverage, including copies of program endorsements clearly indicating that required in this paragraph. To the extent County is self-insured, County may satisfy County's insurance obligations through such self-insurance, and County agrees that all the foregoing insurance requirements apply to and will be covered by County's self-insurance programs and that County has sufficient assets to cover any insured losses if they occur.

2.3 The School District.

1. The School District shall be solely responsible for all design, plans and construction of the Realignment Work consistent with the alignment shown in Exhibit _A; provided, however, the Realignment Work shall be designed and constructed in full conformance with Company's specifications and requirements and shall be designed and constructed to meet Company's historic or present flow capacity requirements and to minimize interference with and access to, and the regular cleaning and maintenance of, the Orr Ditch. All designs and plans shall be submitted to Company for review and approval. All work performed by School District on or about the Orr Ditch, including without limitation construction of the Realignment Work, must be reviewed and approved in writing in advance by Company. School District shall be solely responsible for prosecuting the Realignment Work, and agrees to coordinate such construction with Company in advance so as to minimize adverse impacts on Company's irrigation operations. County shall notify Company no later than 48 hours prior to commencing any construction or other work on the Orr Ditch. The School District shall perform the Realignment Work in a workmanlike manner according to a construction-ready design approved by the Company and the County.

2. No construction may commence on any portion of the Orr Ditch on the School District Parcel until the Siphon Facilities are constructed, fully operational for conveyance of water from the Orr Ditch, and have been inspected and approved by the Company, it being expressly agreed that at all times during the Irrigation Season Company must have the ability to convey water through the Orr Ditch. School District shall perform the Realignment Work diligently, expeditiously, and with adequate resources so as to complete all the work in a manner that does not delay, impair, or adversely affect Company's delivery of irrigation water. If School District fails to complete any portion of the Realignment Work and such failure interferes, impedes or prevents Company from fully utilizing the Orr Ditch for irrigation purposes during the Irrigation Season, School District shall pay Company, as liquidated damages, and not as a penalty, the sum of $1,000 per day for the first seven (7) days, $5,000 per day for the next ten (10) days, and $10,000.00 per day thereafter until the earlier of the completion of the work or the restoration of the Orr Ditch to full operational capacity, which sum, in view of the difficulty of estimating such damages with exactness, is hereby expressed, fixed, computed, determined, and agreed upon as the damages that will be suffered by the Company by reason of such default. It is understood and agreed by the parties that the liquidated damages herein mentioned are in lieu of the actual damages arising from such delay breach.

3. School District shall be independently and solely responsible for, and indemnify Company from all claims arising from or related to, all costs and expenses, including without limitation labor, material, maintenance, operation, reconstruction and construction related costs and expenses, arising from the Realignment Work, including without limitation any claims, disputes, lawsuits, changes in work, unforeseen conditions or other claims arising from or in connection with such work, and any adverse impacts on the structure or integrity of the Orr Ditch. School District shall also pay Company's encroachment application fees to review plans and specifications for the Realignment Work.

4. The School District will cooperate with the Company and take all reasonably required actions to abandon, transfer, or otherwise extinguish the Company's property rights to the Orr Ditch on the School District Parcel.

5. The School District acknowledges that the County is or may be operating a golf course on the County Parcel and the Realignment Work will temporarily interfere with that use of the property. The School District agrees to coordinate with the County the commencement of the construction of the realigned ditch which, based on currently available information, is expected to start in January of 2020.

6. The School District will cooperate with the County and take all reasonably required actions to transfer the Siphon Facilities to County upon completion.

7. No storm water drainage or dumping of any hazardous materials shall be permitted into the Orr Ditch from the School District Parcel and the development of the School District Parcel shall be designed, constructed and maintained to ensure that no storm water drainage from School District Parcel is discharged into the Orr Ditch.

8. To the fullest extent provided by law, the School District shall indemnify, hold harmless and defend the County and Company from and against all liability arising out of all actions taken by or omissions in the performance the School District's duties under this Agreement to design and construct the Realignment Work.

2.4 The RSCVA.

1. The RSCVA agrees that the March 23, 1973 agreement between the RSCVA and the Orr Ditch Company, including the June 12, 1978 addendum, is terminated effective upon the effective date of this agreement.

2. The RSCVA agrees to cooperate with the Parties to this Agreement by taking all reasonably required actions to abandon, transfer, or otherwise extinguish the Company's property rights to the Orr Ditch on the School District Parcel.

Article 3 GENERAL TERMS

3.1 Assignment. No party may assign any right or delegate any obligation under this Agreement without the written consent of all the other parties obtained in advance of the assignment or delegation. Consent is subject to the sole and absolute discretion of the consenting party but shall not be unreasonably withheld.

3.2 Binding effect; no third party beneficiary. This Agreement shall be binding on and runs to the benefit of the Parties, their respective successors and any assignees or delegatees if the assignment or delegation is permitted. Unless otherwise specifically identified in this Agreement, there are no third party beneficiaries intended by this Agreement including individual members of the public and public groups and no third parties have any standing to enforce any of the provisions of this Agreement.

3.3 Standards for approvals. Unless otherwise specified (such as with the words "sole discretion") wherever this Agreement requires the approval of a party, or any of a party's officers, agents or employees, such approval shall not be unreasonably withheld.

3.4 Notices.

A. Unless otherwise provided herein, formal notices, demands and communications between the Parties must be in writing and must be sent to the addresses or facsimile numbers stated in Article 1 or to any address or number subsequently communicated to the sending party in writing.

B. If notice is sent by regular mail to the correct address, it will be deemed sufficiently given only when actually received by the correct addressee.

C. If notice is sent by registered or certified mail to the correct address, postage prepaid, it will be deemed sufficiently given when actually received by the addressee or three

business days after it is received by the U.S. Post Office as indicated on the receipt, whichever is earlier.

D. If notice is sent by courier, or overnight delivery service (Federal Express, UPS Overnight, U.S. Postal Priority Mail), it will be deemed sufficiently given when delivered to the address as indicated in the records of the courier or service.

3.5 Further documents. Each party agrees to honor any reasonable requests by the other party to complete, execute and deliver any document necessary to accomplish the purposes hereof at the expense of the requesting party.

3.6 Timing provisions. Time is of the essence in the performance of this Agreement. Unless otherwise specified, the term "days" means calendar days. If a deadline falls on a weekend, holiday or day when the recipient of performance is not open for business, then performance is due on the first business day of the recipient thereafter. Unless otherwise specified, performance is due by the later of 5 p.m. local time or close of business of the recipient on the day it is due.

3.7 Applicable law; jurisdiction and venue. The laws of the State of Nevada, without regard to conflicts of law principles, shall govern the interpretation and enforcement of this Agreement. All actions brought to enforce this Agreement shall be brought in the Second Judicial District Court for the State of Nevada in and for Washoe County.

3.8 Severability.

A. Each term and provision of this Agreement shall be valid and shall be enforced to the extent permitted by law, taking into account permissible waivers or provisions which may be upon agreement of the Parties. If any term or provision of this Agreement or the application thereof shall be deemed by a court of competent jurisdiction to be in violation of law or public policy, then it shall be deemed modified, ipso facto, to bring it within the limits of validity or enforceability, but if it cannot be so modified, then it shall be excised from this Agreement and the remainder of this Agreement, or the application of such term or provision to circumstances other than those to which it is invalid or unenforceable, shall not be affected.

B. To prevent windfall or unintended consideration, if any term or provision of this Agreement is deemed invalid or unenforceable or enforceable only to a limited extent, the Parties agree to negotiate in good faith to adjust any counter-performance, condition, or corresponding consideration.

3.9 Construction of Agreement.

A. Titles and headlines of this Agreement are intended for editorial convenience and are not to be construed as a part of this Agreement.

B. The word "include" or "including" is not intended as a limitation and shall be construed to include the words "but not limited to."

C. Any reference to the masculine genders includes, where appropriate in the context, the feminine gender. Any term in the singular includes, where appropriate in the context, the plural.

D. The Parties hereto were each advised by counsel in drafting and negotiating this Agreement, and both Parties contributed to its contents. No presumptions against or in favor of either party are appropriate based on who drafted this Agreement or any provision herein.

3.10 Modifications and Amendments. This Agreement may be modified or amended only by a writing signed by an authorized agent of the party to be bound by the modification or amendment.

3.11 Authority to Execute and Ratification. Each person who signs this Agreement below warrants and represents that he or she has the legal capacity to enter into this Agreement and if signing in a representative capacity, has the actual authority to bind the principal for which he or she signs and that his or her signature has the effect of binding the principal. Any action taken by the officers or agents of any of the Parties prior to the effective date of this Agreement and which is authorized by this Agreement is hereby ratified by the Party for whom that person acted.

3.12 Entire Agreement; Attachments; counterparts.

A. This Agreement (together with the recitals, attachments and documents incorporated by reference) integrates all of the terms and conditions mentioned herein or incidental hereto, and supersedes all negotiations or previous agreements between the Parties with respect to all or any part of the subject matter hereof.

B. All attachments hereto and/or referred to in this Agreement are incorporated herein as though set forth in full.

C. This Agreement may be executed in counterparts and is deemed duly executed when original signature pages of all Parties are delivered to and assembled by the County.

3.13 Waiver. No failure or delay on the part of any Party to this Agreement to enforce the provisions hereof shall operate as a waiver thereof, nor shall a single or partial enforcement of any provision hereof preclude any other or further enforcement or exercise of any other right, power or remedy that any party of this Agreement may have.

3.14 Effective Date and Term. This Agreement shall become effective once it has been executed by each of the Parties on the date last written below.

3.15 Run With Land. The terms contained herein shall be appurtenant to and run with the land of the School District Parcel and County Parcel into perpetuity and shall be binding upon and shall inure to the benefit of the Parties and the permitted successors, agents and assigns.

EXECUTED on the dates indicated:

WASHOE COUNTY

SIGNED IN COUNTERPART

By _____ Date 5/28/19
Chairman, Board of County Commissioners

Attest: SIGNED IN COUNTERPART

By _____ Date 5-28-19
Deputy County Clerk

Approved as to form and content: SIGNED IN COUNTERPART

By _____ Date 5/28/19
Deputy District Attorney

RENO SPARKS CONVENTION AND VISITORS' AUTHORITY

By _____ Date JUNE 14, 2019
President/CEO PHILIP L. DELONE

Attest:

By _____ Date June 14, 2019

Approved as to form and content:

By _____ Date 6.17.19
Attorney BEN KENNEDY

WASHOE COUNTY SCHOOL DISTRICT SIGNED IN COUNTERPART

By _____ Date 5.13.19
~~Board Chair~~ Superintendent

Attest:

By _____ Date _____

Approved as to form and content:

By _____ Date _____
Attorney

By _____ Date 5/28/19
Sr. Chairman, Board of County Commissioners
VAUGHN HARTUNG

Attest:

By _____ Date 5-28-19
Deputy County Clerk
JAN GALASSINI

Approved as to form and content:

By _____ Date 5/28/19
Deputy District Attorney
PAUL LIPPARELLI

RENO SPARKS CONVENTION AND VISITORS' AUTHORITY
SIGNED IN COUNTERPART

By _____ Date _____
President/CEO

SIGNED IN COUNTERPART

Attest: SIGNED IN COUNTERPART

By _____ Date _____

Approved as to form and content:
SIGNED IN COUNTERPART

By _____ Date _____
Attorney

WASHOE COUNTY SCHOOL DISTRICT

B SIGNED IN COUNTERPART _ Date 5.13.19

Attest: SIGNED IN COUNTERPART

By _____ Date _____

Approved as to form and content:

By SIGNED IN COUNTERPART _____ Date _____
Attorney

By SIGNED IN COUNTERPART Date_____
Chairman, Board of County Commissioners

Attest:
By SIGNED IN COUNTERPART Date_____

Approved as to form and content:
By SIGNED IN COUNTERPART Date_____
Deputy District Attorney

RENO SPARKS CONVENTION AND VISITORS' AUTHORITY
By SIGNED IN COUNTERPART Date_____
President/CEO

Attest:
By SIGNED IN COUNTERPART Date_____

Approved as to form and content:
By SIGNED IN COUNTERPART Date_____
Attorney

WASHOE COUNTY SCHOOL DISTRICT
By [signature] Date 6/25/19
~~Board Chair~~ Peter Etchart, Cheif Operating Officer

Attest:
By K Goodin Date 6-25-19

Approved as to form and content:
By N/A Date_____
Attorney

ORR DITCH AND EXTENSIONS WATER COMPANY

By _____ Date 6-21-19
Director Ron Gribble

Attest:

By _____ Date 6/21/19

STATE OF NEVADA
COUNTY OF WASHOE } SS:

This instrument was acknowledged before me on May 28, 2019,
by Vaughn Hartung.

Marilyn E. Kramer
NOTARY PUBLIC

This Notary Acknowledgement is attached to that certain Agreement dated April, 2019 to be recorded under escrow No. **01901311.**

MARILYN E. KRAMER
Notary Public - State of Nevada
Appointment Recorded in Washoe County
No: 16-4322-2- Expires November 21, 2020

STATE OF NEVADA)
) ss.
COUNTY OF WASHOE)

This instrument was acknowledged before me on June 17, 2019, by PHIL DELONE, in his capacity as President/CEO of the Reno-Sparks Convention and Visitors Authority.

Notary Public
My Commission Expires: 03-07-2022

MARIA DE LOURDES DELGADO
Notary Public-State of Nevada
APPT. NO. 18-1893-2
My Appt. Expires 03-07-2022

STATE OF NEVADA
COUNTY OF WASHOE } SS:

This instrument was acknowledged before me on June 25, 2019

By: Peter Eichart.

NOTARY PUBLIC

This Notary Acknowledgement is attached to that certain Agreement dated April, 2019 to be recorded under escrow No. **01901311.**

LOUISE ANN BARNES
Notary Public - State of Nevada
Appointment Recorded in Washoe County
No: 03-80944-2 - Expires March 19, 2023

STATE OF NEVADA
COUNTY OF WASHOE } SS:

This instrument was acknowledged before me on June 21 2019, By Ron Gribble.

By: _____
Notary Public

_____
NOTARY PUBLIC

This Notary Acknowledgement is attached to that certain Agreement dated April, 2019 to be recorded under escrow No. **01901311.**

CHARETTE GODOY
Notary Public - State of Nevada
Appointment Recorded in Washoe County
No: 17-3431-2 - Expires August 30, 2021

Exhibit "A"
Orr Ditch Realignment
(Attached)

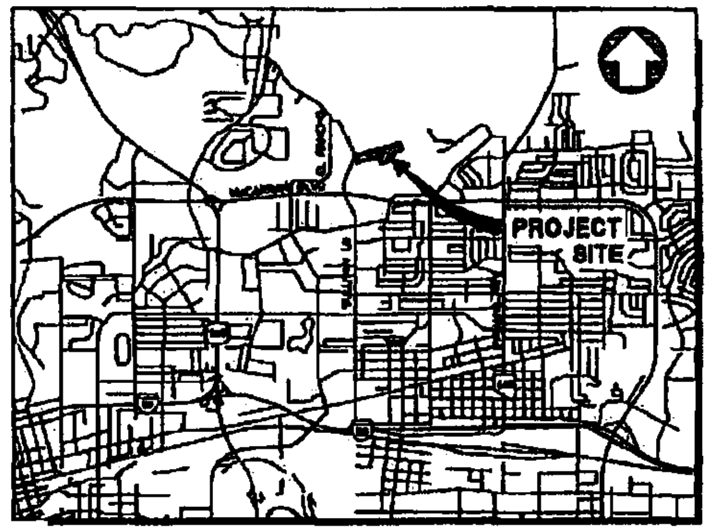
IMPROVEMENT PLANS FOR

WASHOE COUNTY SCHOOL DISTRICT
ORR DITCH REALIGNMENT

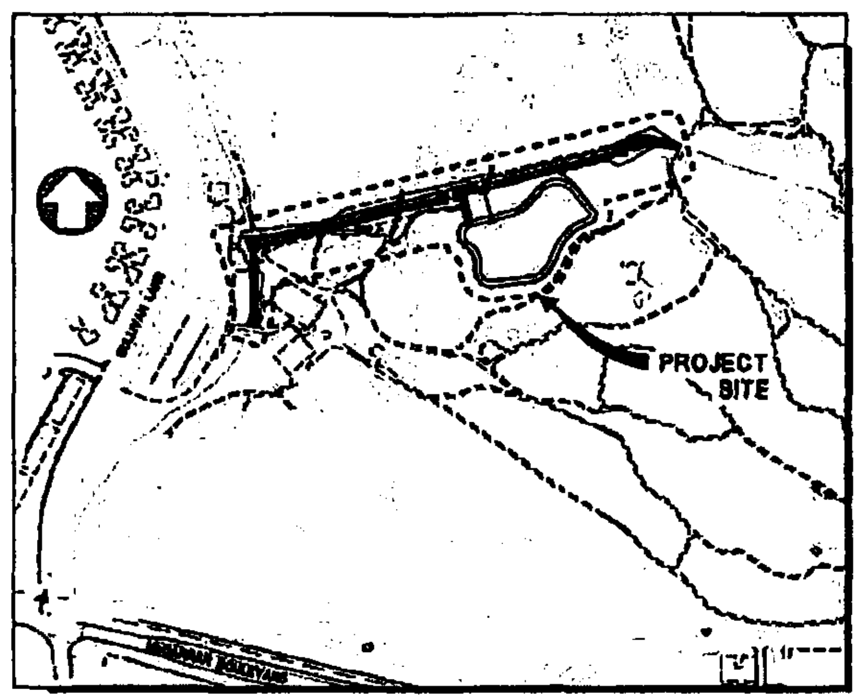
WASHOE COUNTY NEVADA

DESIGN ENGINEER:

WOOD RODGERS



VICINITY MAP
NOT TO SCALE



SITE PLAN
NOT TO SCALE

APPROVALS:

Washoe County School District

SCHOOL DISTRICT MEMBERS

ADAM SEARCY ---------- CHIEF FACILITIES MANAGEMENT OFFICER
TAMI ZIMMERMAN ------- DEPUTY FACILITIES MANAGEMENT OFFICER
CHARLIE HOPPE --------- FACILITIES MANAGEMENT DIRECTOR

______________________ ________
ADAM SEARCY DATE
CHIEF FACILITIES MANAGEMENT OFFICER

CITY OF SPARKS:

City of Sparks

CITY COUNCIL MEMBERS

RON SMITH ------------ MAYOR
DONALD ABBOTT --------- WARD #1
ED LAWSON ------------ WARD #2
PAUL ANDERSON --------- WARD #3
CHARLENE BYBEE -------- WARD #4
KRISTOPHER DAHIR ------- WARD #5
STEPHEN DRISCOLL ------- CITY MANAGER

______________________ ________
RON SMITH DATE
MAYOR

______________________ ________
JOHN A. MARTINI, P.E. DATE
COMMUNITY SERVICES DIRECTOR

ORR DITCH AND EXTENSIONS WATER COMPANY:

______________________ ________
DAVID RILEY DATE
VICE PRESIDENT

PRELIMINARY - FOR REVIEW ONLY

DATE: APRIL 2019
SCALE: N/A
DRAWN BY: DAB
CHECKED BY: DAB
CHECKED BY: MAC

NO.	DESCRIPTION	DATE

WOOD RODGERS

Washoe County School District

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
TITLE SHEET

PROJECT NO. 9012.051
DRAWING T-1

PRELIMINARY - FOR REVIEW ONLY

GENERAL NOTES

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]
14. [illegible]

14.1. [illegible]

15. [illegible]
16. [illegible]
17. [illegible]
18. [illegible]
19. [illegible]
20. [illegible]
21. [illegible]
22. [illegible]
23. [illegible]
24. [illegible]

24.1. [illegible]

SHEET INDEX

SHT No.	DRAWING DESCRIPTION
T-1	TITLE SHEET
N-1	GENERAL NOTES, LEGEND AND ABBREVIATIONS
HC-1	HORIZONTAL CONTROL PLAN
DE-1	DEMOLITION PLAN
DE-2	DEMOLITION PLAN
DE-3	DEMOLITION PLAN
DE-4	DEMOLITION PLAN
DE-5	DEMOLITION PLAN
P-1	INVERTED SIPHON - PLAN AND PROFILE
P-2	INVERTED SIPHON - PLAN AND PROFILE
P-3	INVERTED SIPHON - PLAN AND PROFILE
P-4	INVERTED SIPHON - PLAN AND PROFILE
P-5	INVERTED SIPHON - PLAN AND PROFILE
G-1	GRADING PLAN
G-2	GRADING PLAN
G-3	GRADING PLAN
G-4	GRADING PLAN
G-5	GRADING PLAN
D-1	SECTIONS AND DETAILS
D-2	SECTIONS AND DETAILS
D-3	SECTIONS AND DETAILS
D-4	SECTIONS AND DETAILS
D-5	SECTIONS AND DETAILS
D-6	SECTIONS AND DETAILS
D-7	SECTIONS AND DETAILS
D-8	SECTIONS AND DETAILS
D-9	SECTIONS AND DETAILS
D-10	SECTIONS AND DETAILS
D-11	SECTIONS AND DETAILS
D-12	SECTIONS AND DETAILS
S-1	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-2	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-3	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-4	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-5	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-6	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-7	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)
S-8	STRUCTURAL DETAILS (NOT INCLUDED W/ THIS SUBMITTAL)

BASIS OF BEARINGS:

[illegible]

BASIS OF ELEVATION:

[illegible]

LEGEND

- BOLLARD
- BOREHOLE
- CATCH BASIN (CB)
- CONTROL POINT
- DROP INLET (DI)
- WATER VALVE
- FIRE HYDRANT
- GAS VALVE
- GUY
- POWER POLE
- SANITARY SEWER MANHOLE (SSMH)
- SIGN
- STORM DRAIN MANHOLE (SDMH)
- TELEPHONE VAULT
- ELECTRICAL TRANSFORMER PAD
- TREE
- FLOWLINE
- STORM DRAIN
- CHAIN LINK FENCE
- EXISTING UTILITY WITH INDICATOR
- ×31.25 EXISTING SPOT ELEVATION
- SLOPE INDICATOR
- PROPOSED FINISH GRADE
- DETAIL OR SECTION NUMBER
- SHEET NUMBER WHERE DETAIL IS DRAWN
- GRADE BREAK
- FULL DEPTH SAWCUT
- REMOVAL & REPLACEMENT OF AC PAVEMENT
- PROPOSED AGGREGATE BASE
- REMOVE AND RESTORE SOD/LANDSCAPING
- EXISTING LANDSCAPE CLEAR AND GRUB
- EXISTING BUILDING TO BE REMOVED
- POINT OF VERTICAL INTERSECTION
- RETAINING WALL

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

NOTE: [illegible]

ABBREVIATIONS

AB	AGGREGATE BASE
AD	ALGEBRAIC DIFFERENCE
ADJ	ADJUST
ANG PNT	ANGLE POINT
APPROX	APPROXIMATE
AC	ASPHALT CONCRETE PAVEMENT
ARV	AIR VACUUM RELIEF VALVE
BC	BEGIN CURVE
BG	BOTTOM GRADE
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
BM	BENCH MARK
BOW	BACK OF WALK
℄, CL	CENTER LINE
CB	CATCH BASIN
CH	CHORD
CONST	CONSTRUCT
CR	CURB RETURN
CT	COURT
DI	DROP INLET
DIP	DUCTILE IRON PIPE
SDMH	STORM DRAIN MANHOLE
DR	DRIVE
E	EAST
EC	END CURVE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
EXIST	EXISTING
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
FFC	FRONT FACE OF CURB
FH	FIRE HYDRANT
FL	FLOW LINE
GB	GRADE BREAK
GR	GRATE
GV	GAS VALVE
HP	HIGH POINT
IE	INVERT ELEVATION
INV.	INVERT
JP	JOINT POLE
K	CURVE COEFFICIENT
L	LEFT
LF	LINEAR FEET
MAX.	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PVI	POINT OF VERTICAL INTERSECTION
PL	PROPERTY LINE
PT	POINT OF TANGENCY
R	RADIUS
R&R	REMOVE & REPLACE
RCP	REINFORCED CONCRETE PIPE
PRC	POINT OF REVERSE CURVATURE
R	RIGHT
RW	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SE	SANITARY SEWER EASEMENT
SHT	SHEET
STA.	STATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
SW	SIDEWALK
T	TANGENT
TBC	TOP BACK OF CURB
TC	TOP OF CURB
TG	TOP GRADE
TYP.	TYPICAL
TEL	TELEPHONE
UG	UNDERGROUND
VB	VILLAGE BOUNDARY
W	WEST
WC	WEIR CREST
WM	WATER MAIN
WV	WATER VALVE

IMPROVEMENT PLANS FOR

ORR DITCH REALIGNMENT INVERTED SIPHON

GENERAL NOTES, LEGEND AND ABBREVIATIONS

PROJECT NO. [illegible]

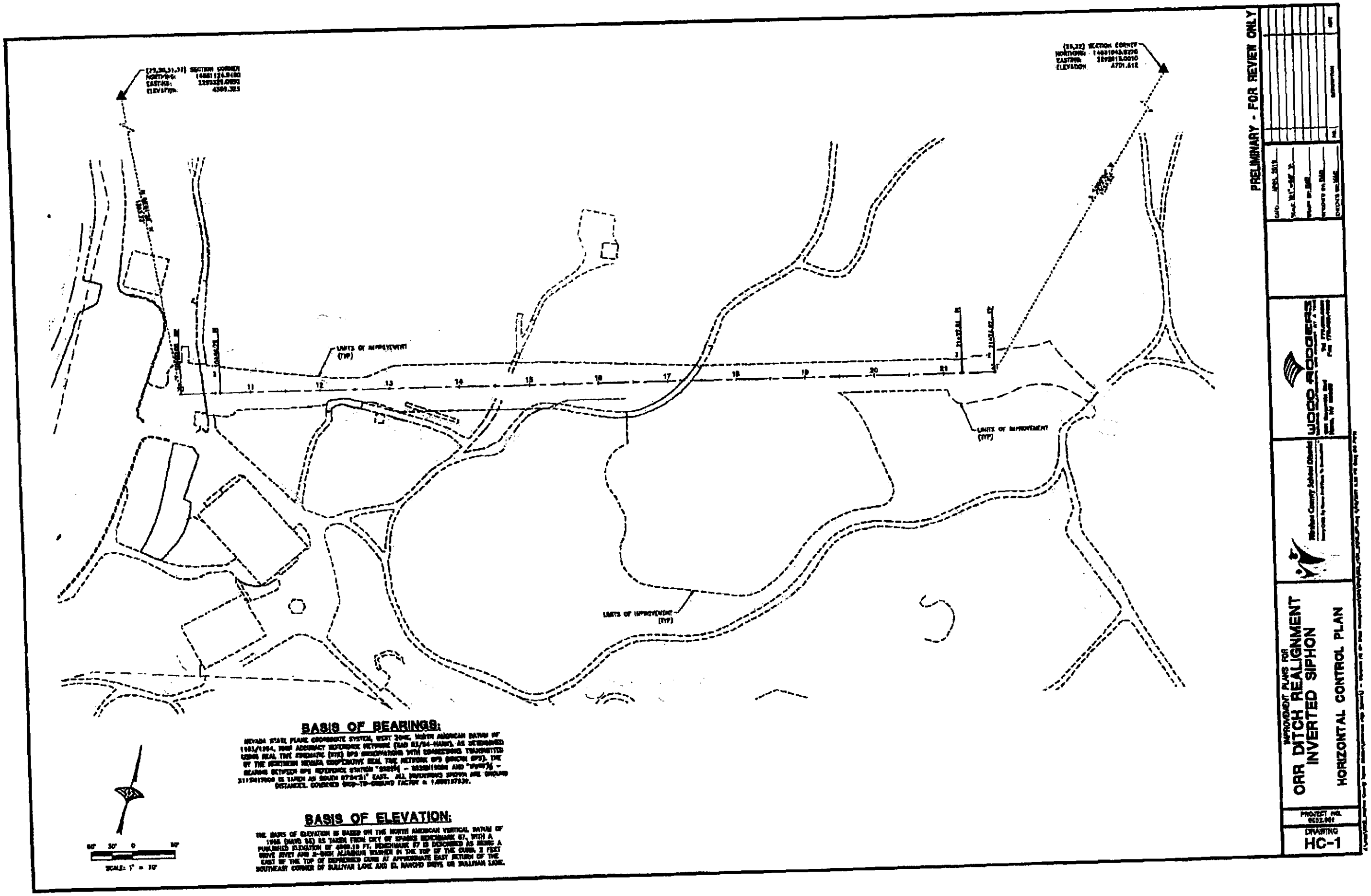
DRAWING N-1

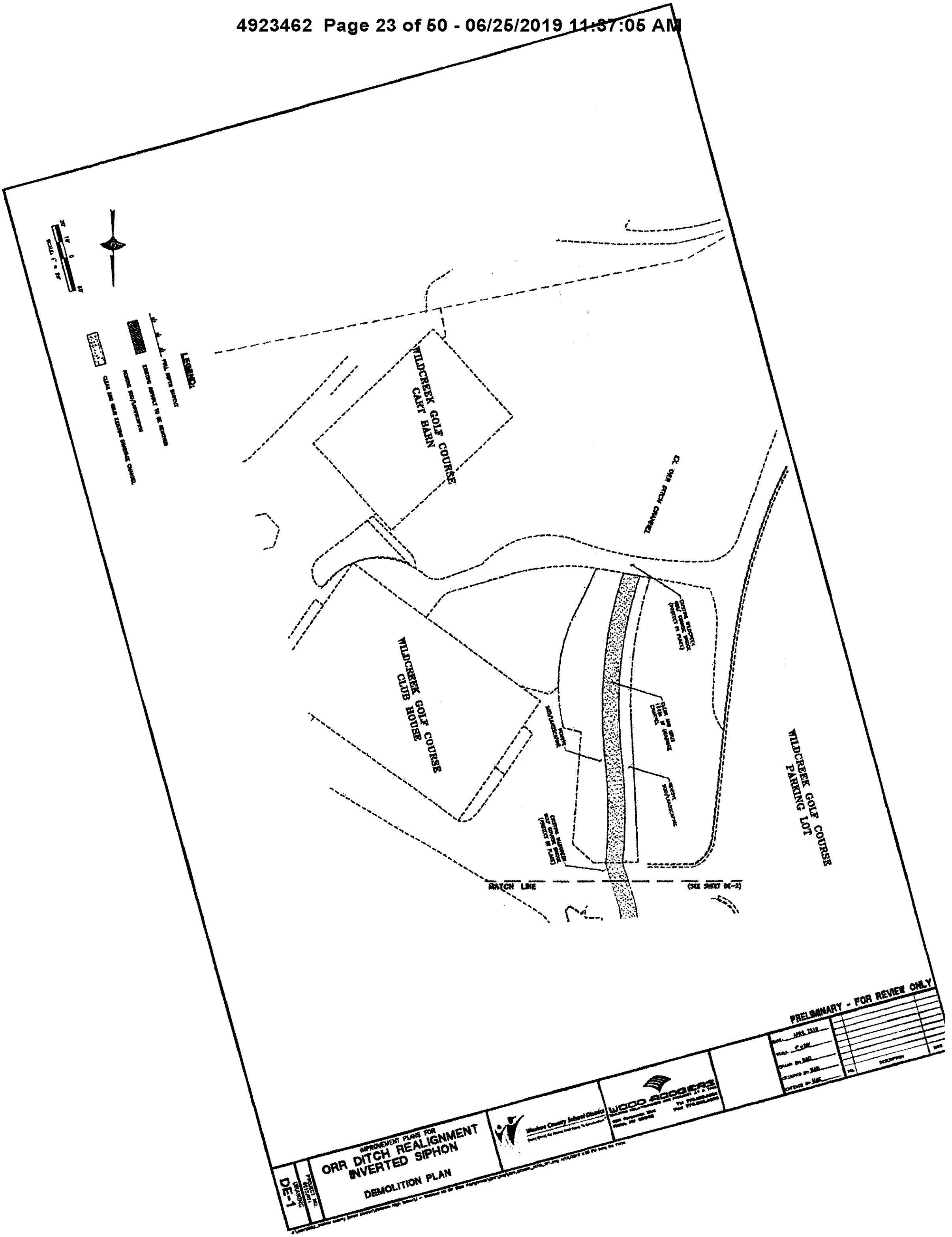
WOOD RODGERS

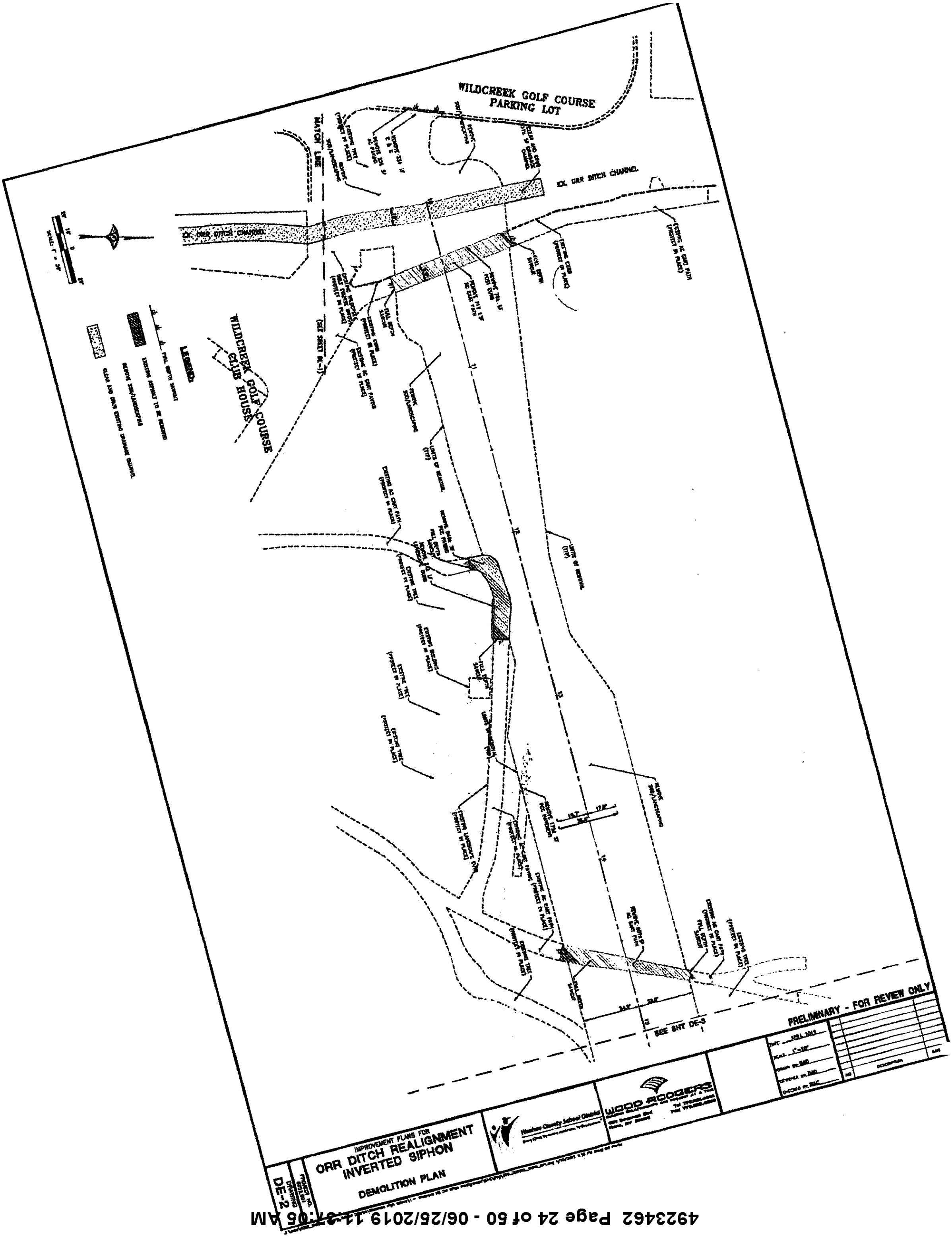
Washoe County School District

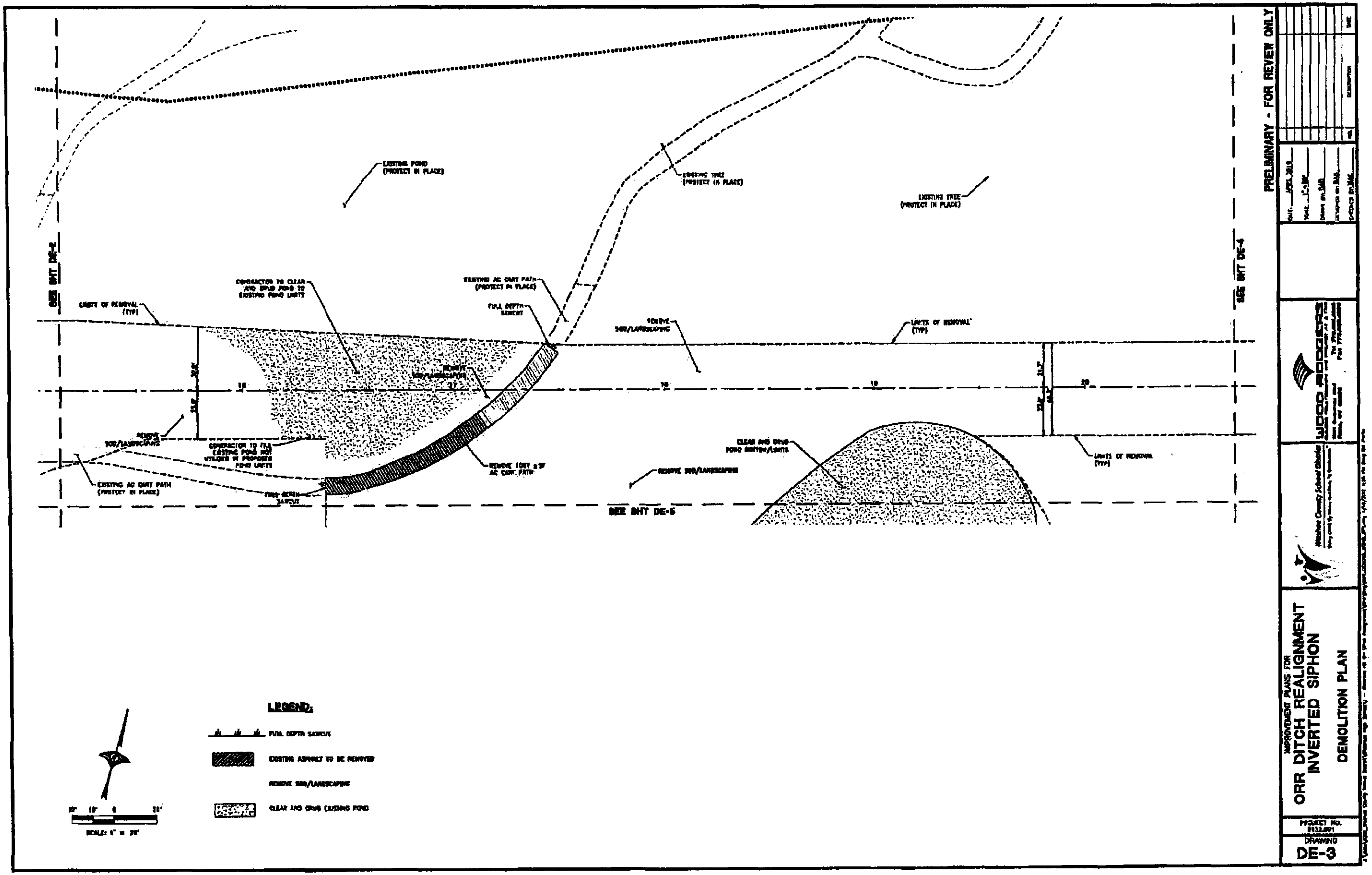
DATE: NOV. 2018

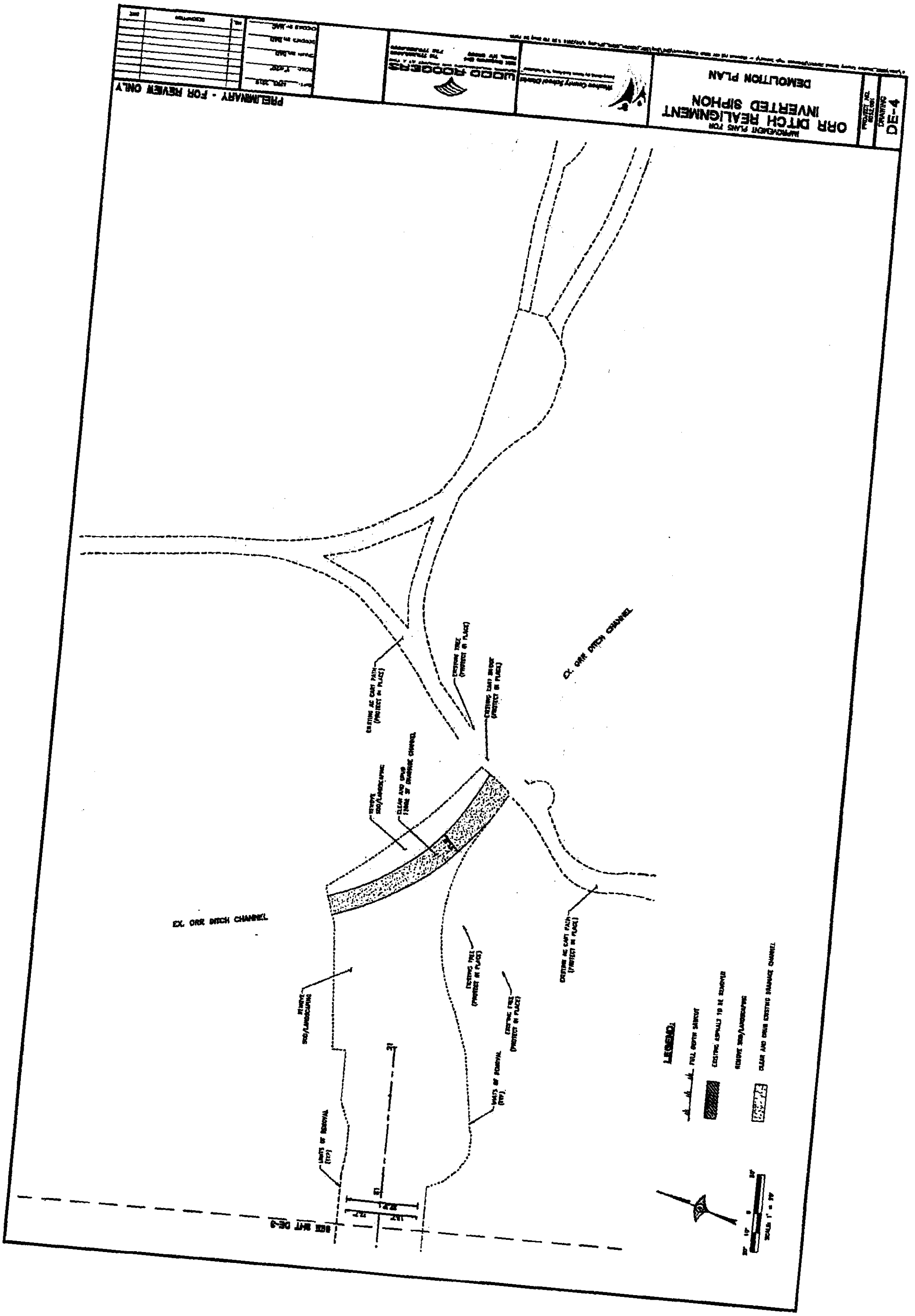
SCALE: N/A

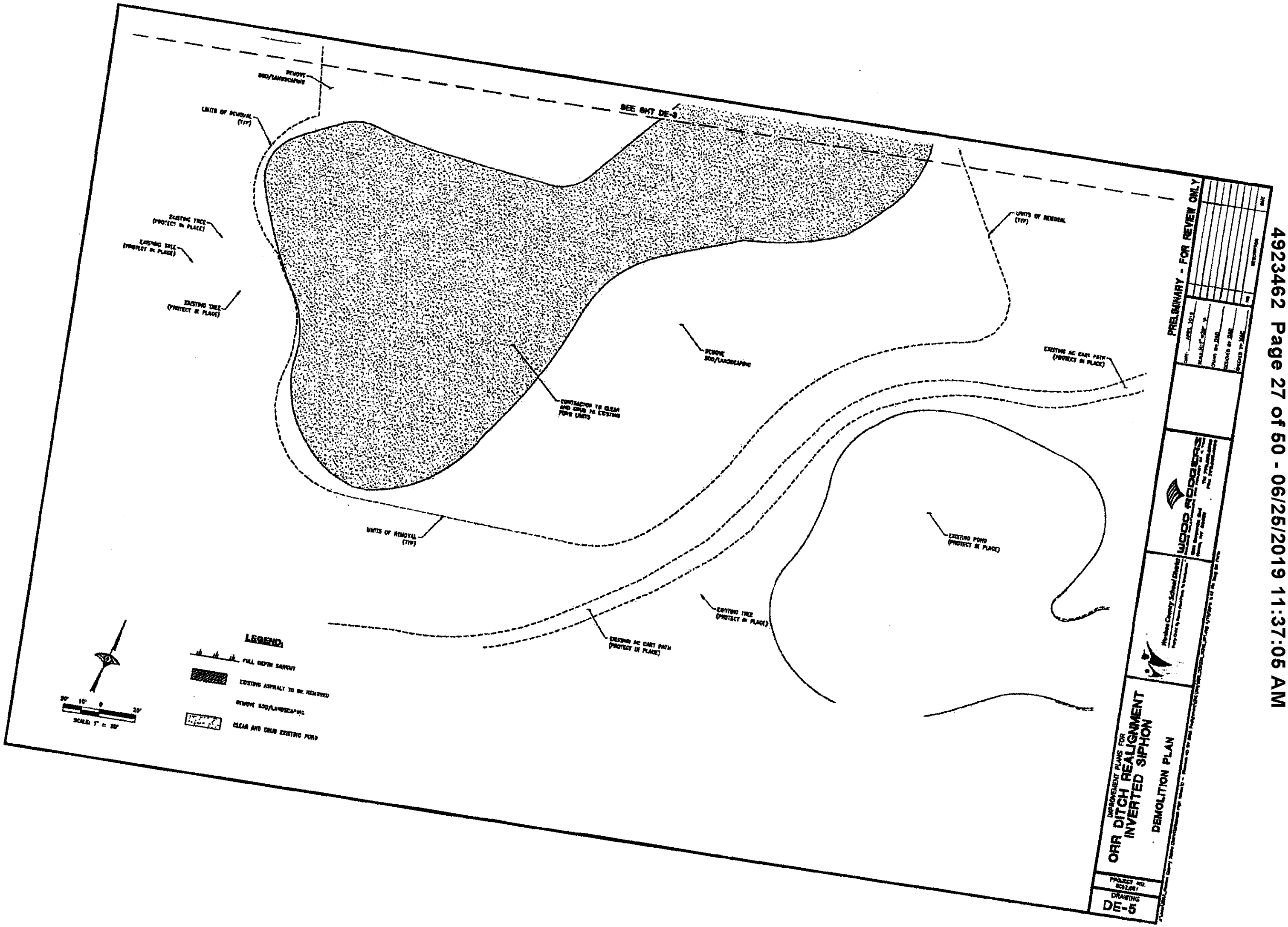

PRELIMINARY - FOR REVIEW ONLY
WOOD RODGERS
Washoe County School District
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
HORIZONTAL CONTROL PLAN
PROJECT NO.
DRAWING
HC-1
LIMITS OF IMPROVEMENT (TYP)
BASIS OF BEARINGS:
BASIS OF ELEVATION:
SCALE: 1" = 30'


LEGEND:
WILDCREEK GOLF COURSE CART BARN
WILDCREEK GOLF COURSE CLUB HOUSE
WILDCREEK GOLF COURSE PARKING LOT
MATCH LINE
(SEE SHEET DE-2)
PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DEMOLITION PLAN
DE-1
WOOD RODGERS


WILDCREEK GOLF COURSE
PARKING LOT
EX. ORR DITCH CHANNEL
MATCH LINE
(SEE SHEET DE-1)
WILDCREEK GOLF COURSE
CLUB HOUSE
LEGEND
FULL DEPTH SAWCUT
EXISTING ASPHALT TO BE REMOVED
REMOVE SOD/LANDSCAPING
CLEAN AND GRUB EXISTING DRAINAGE CHANNEL
SCALE 1" = 20'
SEE SHT DE-3
PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DEMOLITION PLAN
Washoe County School District
WOOD RODGERS
PROJECT NO.
DRAWING
DE-2


PRELIMINARY - FOR REVIEW ONLY
DATE: APRIL 2019
SCALE: 1"=20'
DRAWN BY: DAB
CHECKED BY: DAB
SHEET BY: DAC
NO. DESCRIPTION DATE
WOODWARD
Wenatchee Columbia School District
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DEMOLITION PLAN
PROJECT NO.
DRAWING
DE-3
SEE SHT DE-2
SEE SHT DE-4
SEE SHT DE-6
EXISTING POND (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
CONTRACTOR TO CLEAR AND GRUB POND TO EXISTING POND LIMITS
EXISTING AC CART PATH (PROTECT IN PLACE)
FULL DEPTH SAWCUT
REMOVE SOD/LANDSCAPING
LIMITS OF REMOVAL (TYP)
REMOVE SOD/LANDSCAPING
CONNECTION TO TILE EXISTING POND NOT UTILIZED IN PROPOSED POND LIMITS
REMOVE 100FT x 8' AC CART PATH
EXISTING AC CART PATH (PROTECT IN PLACE)
FULL DEPTH SAWCUT
REMOVE SOD/LANDSCAPING
CLEAR AND GRUB POND BOTTOM/LIMITS
LIMITS OF REMOVAL (TYP)
LEGEND:
FULL DEPTH SAWCUT
EXISTING ASPHALT TO BE REMOVED
REMOVE SOD/LANDSCAPING
CLEAR AND GRUB EXISTING POND
SCALE: 1" = 20'


PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DEMOLITION PLAN
DRAWING
DE-4
WOOD ROGERS
EXISTING AC CART PATH (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
EXISTING CART BRIDGE (PROTECT IN PLACE)
EX. ORR DITCH CHANNEL
REMOVE SOD/LANDSCAPING
CLEAR AND GRUB (TYPE OF DRAINAGE CHANNEL)
EX. ORR DITCH CHANNEL
REMOVE SOD/LANDSCAPING
EXISTING TREE (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
EXISTING AC CART PATH (PROTECT IN PLACE)
LIMITS OF REMOVAL (TYP.)
LIMITS OF REMOVAL (TYP.)
LEGEND:
FULL DEPTH SAWCUT
EXISTING ASPHALT TO BE REMOVED
REMOVE SOD/LANDSCAPING
CLEAR AND GRUB EXISTING DRAINAGE CHANNEL
SEE SHT DE-3


REMOVE SOD/LANDSCAPING
LIMITS OF REMOVAL (TYP)
SEE SHT DE-3
EXISTING TREE (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
CONTRACTOR TO CLEAR AND GRUB IN EXISTING POND LIMITS
REMOVE SOD/LANDSCAPING
LIMITS OF REMOVAL (TYP)
EXISTING AC CART PATH (PROTECT IN PLACE)
LIMITS OF REMOVAL (TYP)
EXISTING AC CART PATH (PROTECT IN PLACE)
EXISTING POND (PROTECT IN PLACE)
EXISTING TREE (PROTECT IN PLACE)
LEGEND:
FULL DEPTH SAWCUT
EXISTING ASPHALT TO BE REMOVED
REMOVE SOD/LANDSCAPING
CLEAR AND GRUB EXISTING POND
SCALE: 1" = 20'
PRELIMINARY - FOR REVIEW ONLY
WOOD RODGERS
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DEMOLITION PLAN
DRAWING
DE-5

ORR DITCH OPERATING FLOWS

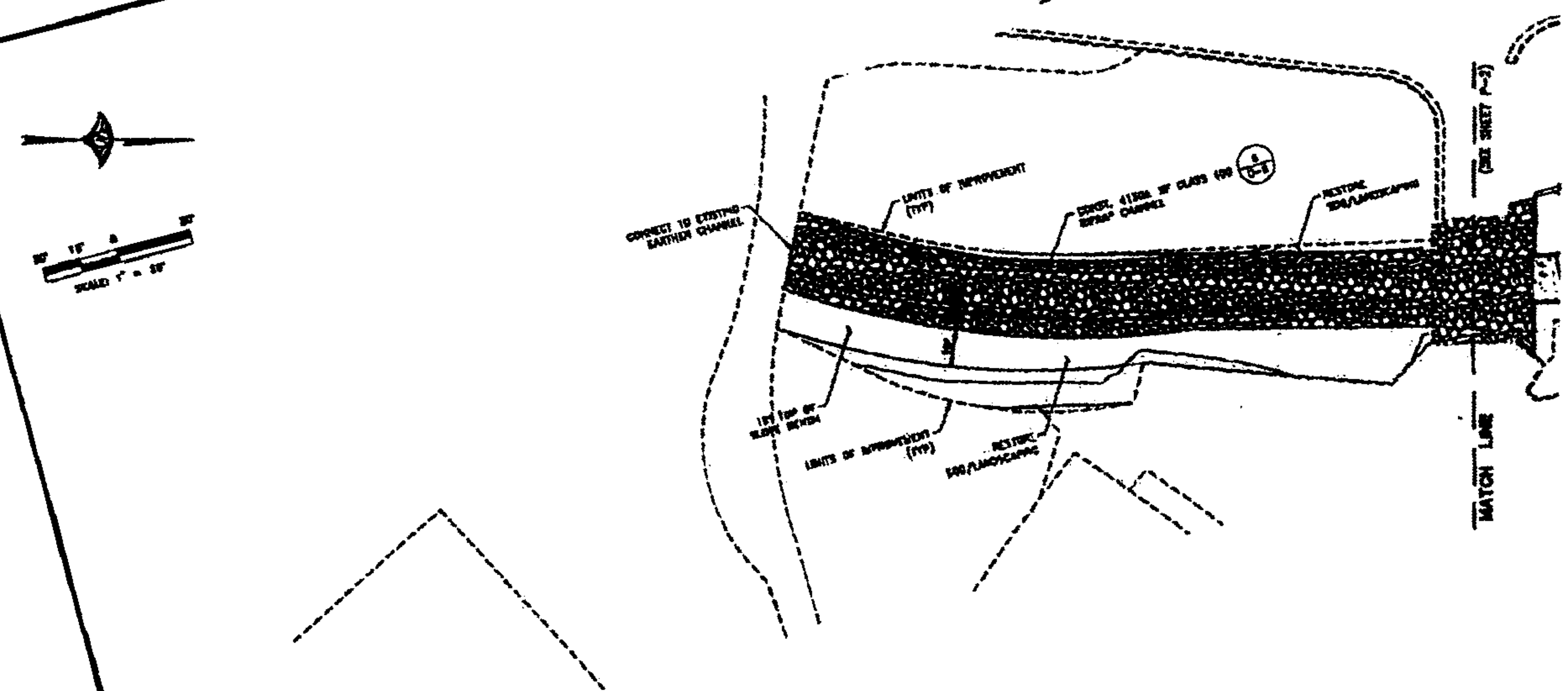
1. AVERAGE FLOW CONDITION Q = 18.8 CFS
2. FLUSHING FLOW CONDITION Q = 49.2 CFS
3. MAXIMUM OPERATING FLOW CONDITION Q = 51.0 CFS
4. SYSTEM CAPACITY FLOWS Q = 180 CFS

CONSTRUCTION NOTES:

1. ALL SEWER AND STORM DRAIN IMPROVEMENTS ARE PUBLIC UNLESS NOTED OTHERWISE.
2. EXISTING UTILITY TIE-IN INFORMATION HAS BEEN OBTAINED FROM BOTH RECORD DRAWINGS AND FIELD SURVEY WHERE EXISTING IMPROVEMENTS COULD BE LOCATED. CONTRACTOR TO VERIFY ACCURACY OF INFORMATION PRIOR TO CONSTRUCTION AND TO NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BEFORE COMMENCING WORK.
3. REFER TO HORIZONTAL CONTROL PLAN FOR CENTERLINE INFORMATION (HC-1).
4. THERE SHALL BE 3' MINIMUM COVER OVER THE INVERTED SIPHON SD LINE.
5. REFERENCE CU SHEETS FOR GENERAL PROTECT IN PLACE NOTES.
6. ALL DIMENSIONS AND DISTANCES ARE TO BACK OF CURB, CURB RETURN, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPING, CENTER LINE OF PIPE, OR END OF IMPROVEMENTS.
7. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
8. ADD 4400 FEET TO ALL ELEVATIONS.

LEGEND:

- PROPOSED ASPHALT CART PATH
- RESTORE SOD/LANDSCAPING
- PROPOSED RIPRAP
- PROPOSED AGGREGATE BASE ROAD
- PROPOSED CONCRETE
- RESTRAINED SD PIPE



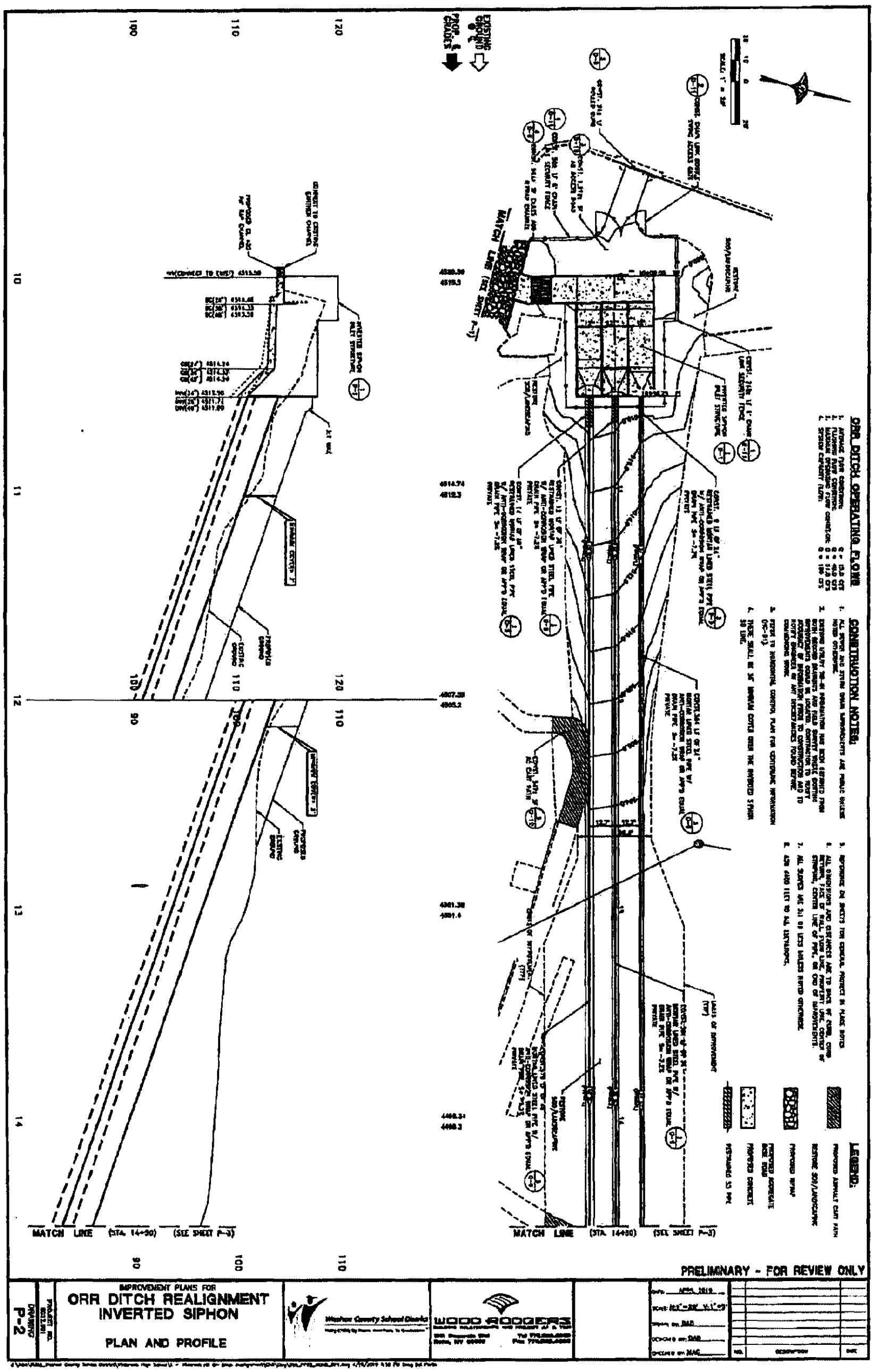
PRELIMINARY - FOR REVIEW ONLY

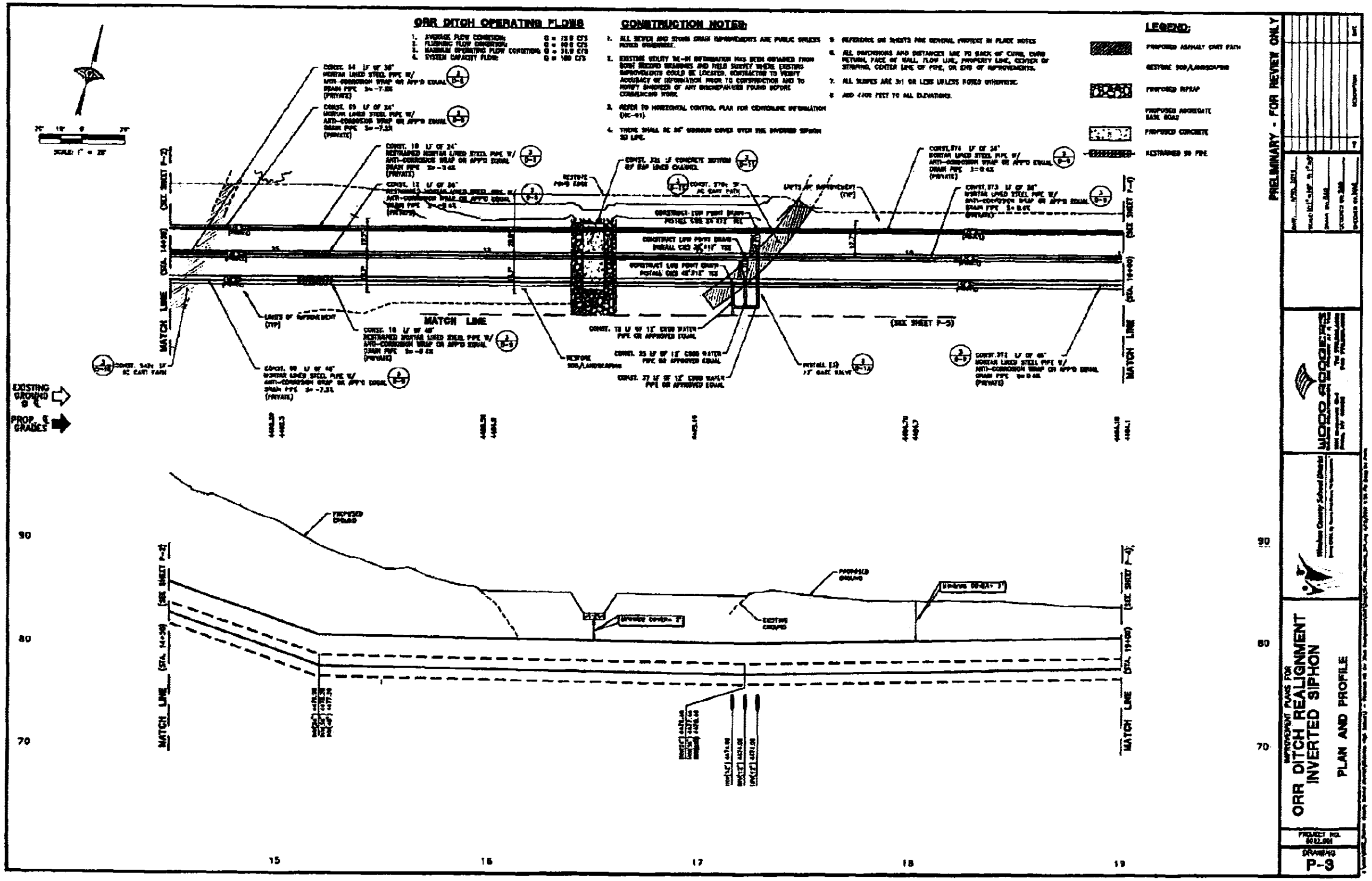
WOOD RODGERS

Washoe County School District

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
PLAN AND PROFILE

DRAWING P-1


ORR DITCH OPERATING FLOWS
CONSTRUCTION NOTES:
LEGEND:
MATCH LINE (STA. 14+30) (SEE SHEET P-3)
PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
PLAN AND PROFILE
Washoe County School District
WOOD RODGERS
DRAWING
P-2


ORR DITCH OPERATING FLOWS
CONSTRUCTION NOTES:
LEGEND:
PRELIMINARY - FOR REVIEW ONLY
MATCH LINE
(SEE SHEET P-2)
(SEE SHEET P-4)
EXISTING GROUND
PROP. GRADES
ORR DITCH REALIGNMENT INVERTED SIPHON
PLAN AND PROFILE
P-3

ORR DITCH OPERATING FLOWS

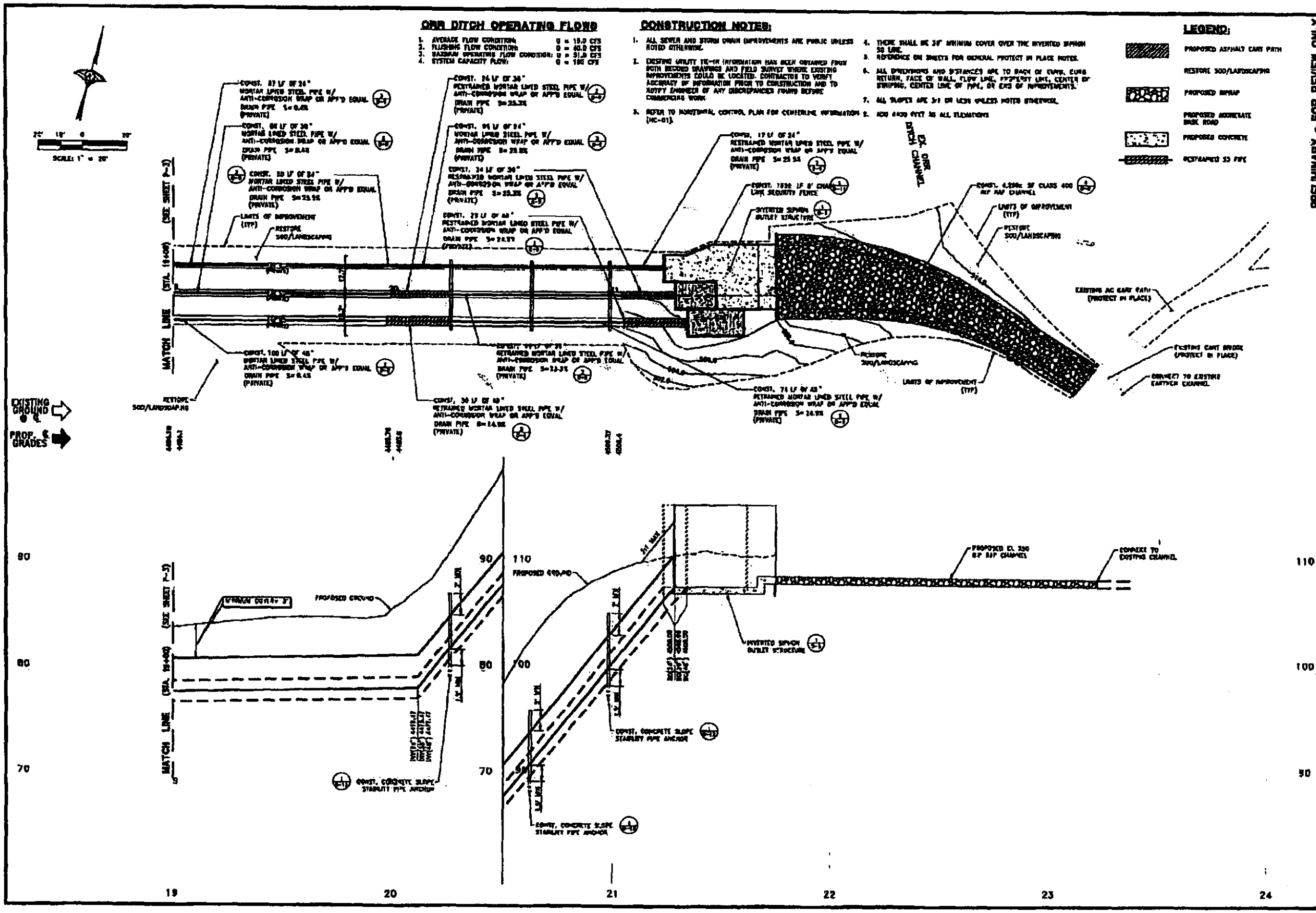
1. AVERAGE FLOW CONDITION: Q = 15.0 CFS
2. FLUSHING FLOW CONDITION: Q = 40.0 CFS
3. MAXIMUM OPERATING FLOW CONDITION: Q = 51.0 CFS
4. SYSTEM CAPACITY FLOW: Q = 100 CFS

CONSTRUCTION NOTES:

1. ALL SEWER AND STORM DRAIN IMPROVEMENTS ARE PUBLIC UNLESS NOTED OTHERWISE.
2. EXISTING UTILITY TIE-IN INFORMATION HAS BEEN OBTAINED FROM BOTH RECORD DRAWINGS AND FIELD SURVEY WHERE EXISTING IMPROVEMENTS COULD BE LOCATED. CONTRACTOR TO VERIFY ACCURACY OF INFORMATION PRIOR TO CONSTRUCTION AND TO NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BEFORE COMMENCING WORK.
3. REFER TO HORIZONTAL CONTROL PLAN FOR CENTERLINE INFORMATION (HC-01).
4. THERE SHALL BE 36" MINIMUM COVER OVER THE INVERTED SIPHON SO LINE.
5. REFERENCE ON SHEETS FOR GENERAL PROTECT IN PLACE NOTES.
6. ALL DIMENSIONS AND DISTANCES ARE TO BACK OF CURB, CURB RETURN, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPING, CENTER LINE OF PIPE, OR EDGE OF IMPROVEMENTS.
7. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
8. ADD 4000 FEET TO ALL ELEVATIONS

LEGEND:

- PROPOSED ASPHALT CART PATH
- RESTORE SOD/LANDSCAPING
- PROPOSED RIPRAP
- PROPOSED AGGREGATE BASE ROAD
- PROPOSED CONCRETE
- RESTRAINED SS PIPE



PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

DATE: APRIL 2012
SCALE: 1"=20' HORIZ. 1"=5' VERT.
DRAWN BY: DAB
DESIGNED BY: MAC

JOHN ROGERS

Madison County School District

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

PLAN AND PROFILE

PROJECT NO. 0012.001

DRAWING P-4

ORR DITCH OPERATING FLOWS

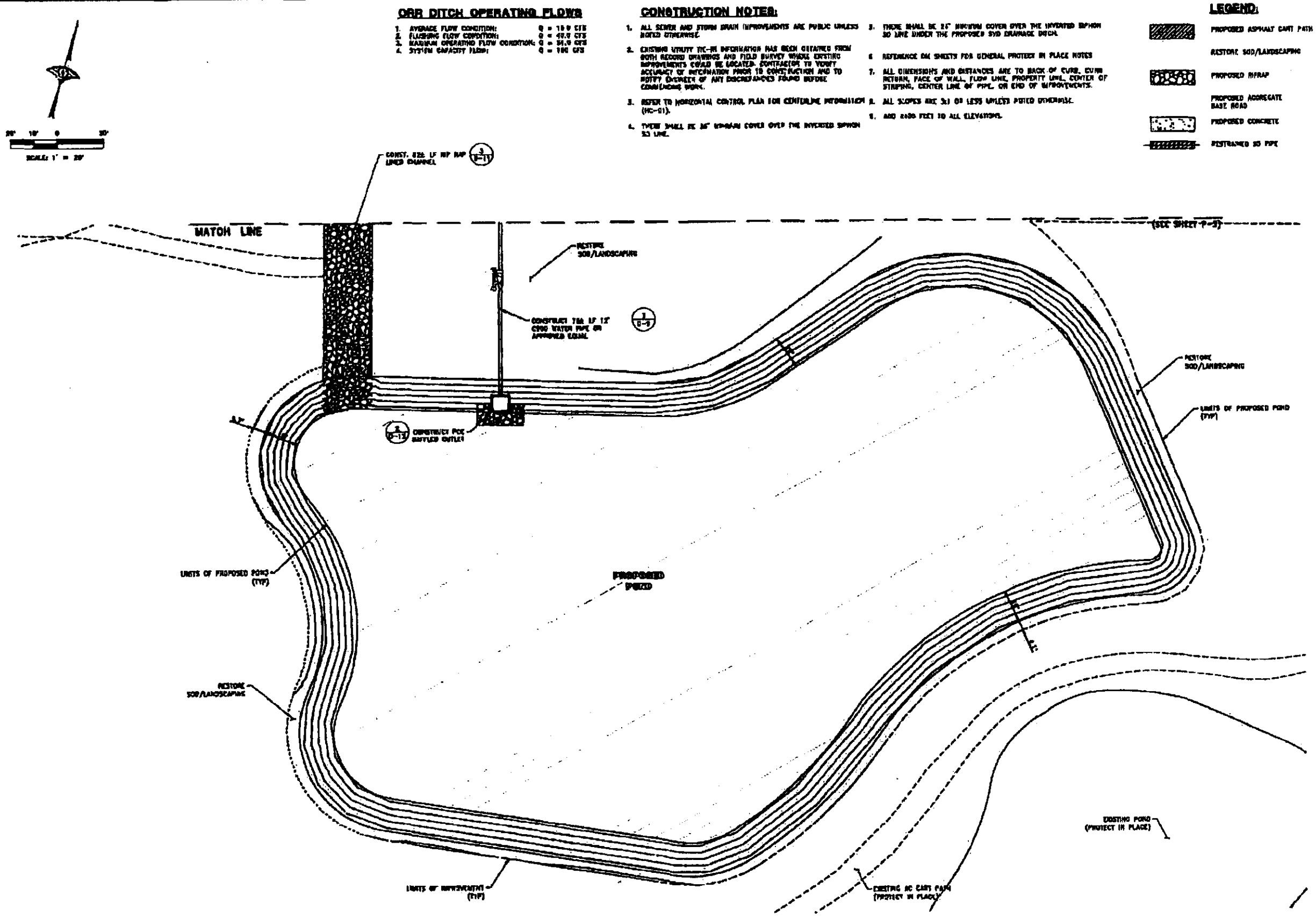
1. AVERAGE FLOW CONDITION: Q = 18.0 CFS
2. FLOODING FLOW CONDITION: Q = 40.0 CFS
3. MAXIMUM OPERATING FLOW CONDITION: Q = 54.0 CFS
4. SYSTEM CAPACITY FLOW: Q = 106 CFS

CONSTRUCTION NOTES:

1. ALL SEWER AND STORM DRAIN IMPROVEMENTS ARE PUBLIC UNLESS NOTED OTHERWISE.
2. EXISTING UTILITY TIE-IN INFORMATION HAS BEEN OBTAINED FROM BOTH RECORD DRAWINGS AND FIELD SURVEY WHERE EXISTING IMPROVEMENTS COULD BE LOCATED. CONTRACTOR TO VERIFY ACCURACY OF INFORMATION PRIOR TO CONSTRUCTION AND TO NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BEFORE COMMENCING WORK.
3. REFER TO HORIZONTAL CONTROL PLAN FOR CENTERLINE INFORMATION (HC-01).
4. THERE SHALL BE 36" MINIMUM COVER OVER THE INVERTED SIPHON 53 LINE.
5. THERE SHALL BE 24" MINIMUM COVER OVER THE INVERTED SIPHON 30 LINE UNDER THE PROPOSED SYD DRAINAGE DITCH.
6. REFERENCE CM SHEETS FOR GENERAL PROTECT IN PLACE NOTES
7. ALL DIMENSIONS AND DISTANCES ARE TO BACK OF CURB, CURB RETURN, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPING, CENTER LINE OF PIPE, OR END OF IMPROVEMENTS.
8. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
9. ADD 2600 FEET TO ALL ELEVATIONS.

LEGEND:

- PROPOSED ASPHALT CART PATH
- RESTORE SOD/LANDSCAPING
- PROPOSED RIPRAP
- PROPOSED AGGREGATE BASE ROAD
- PROPOSED CONCRETE
- RESTRAINED DI PIPE



PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

DATE: APRIL 2010
SCALE: 1" = 20'
DRAWN BY: BMG
DESIGNED BY: DMB
REVIEWED BY: MAC

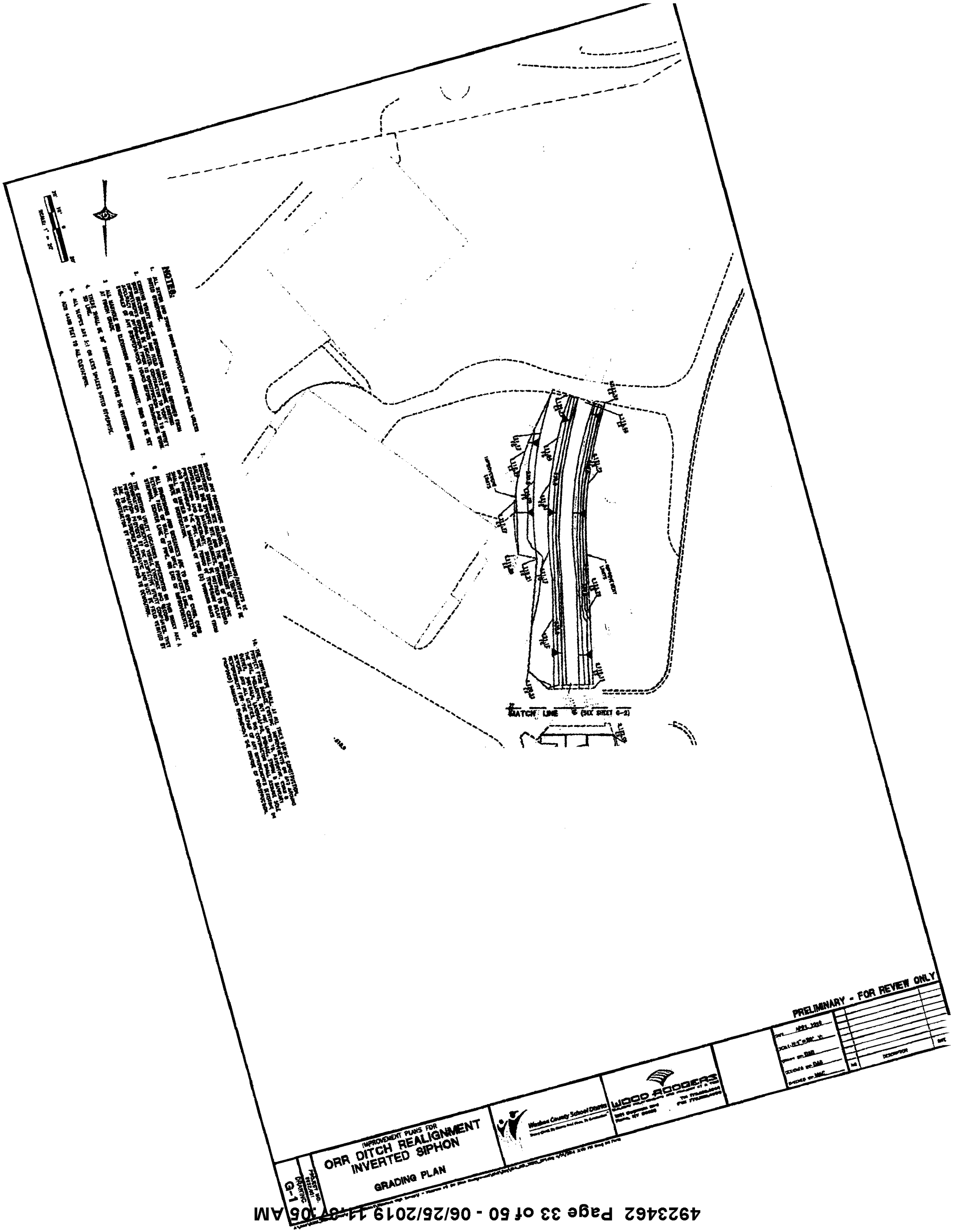
WOOD RODGERS

Washoe County School District

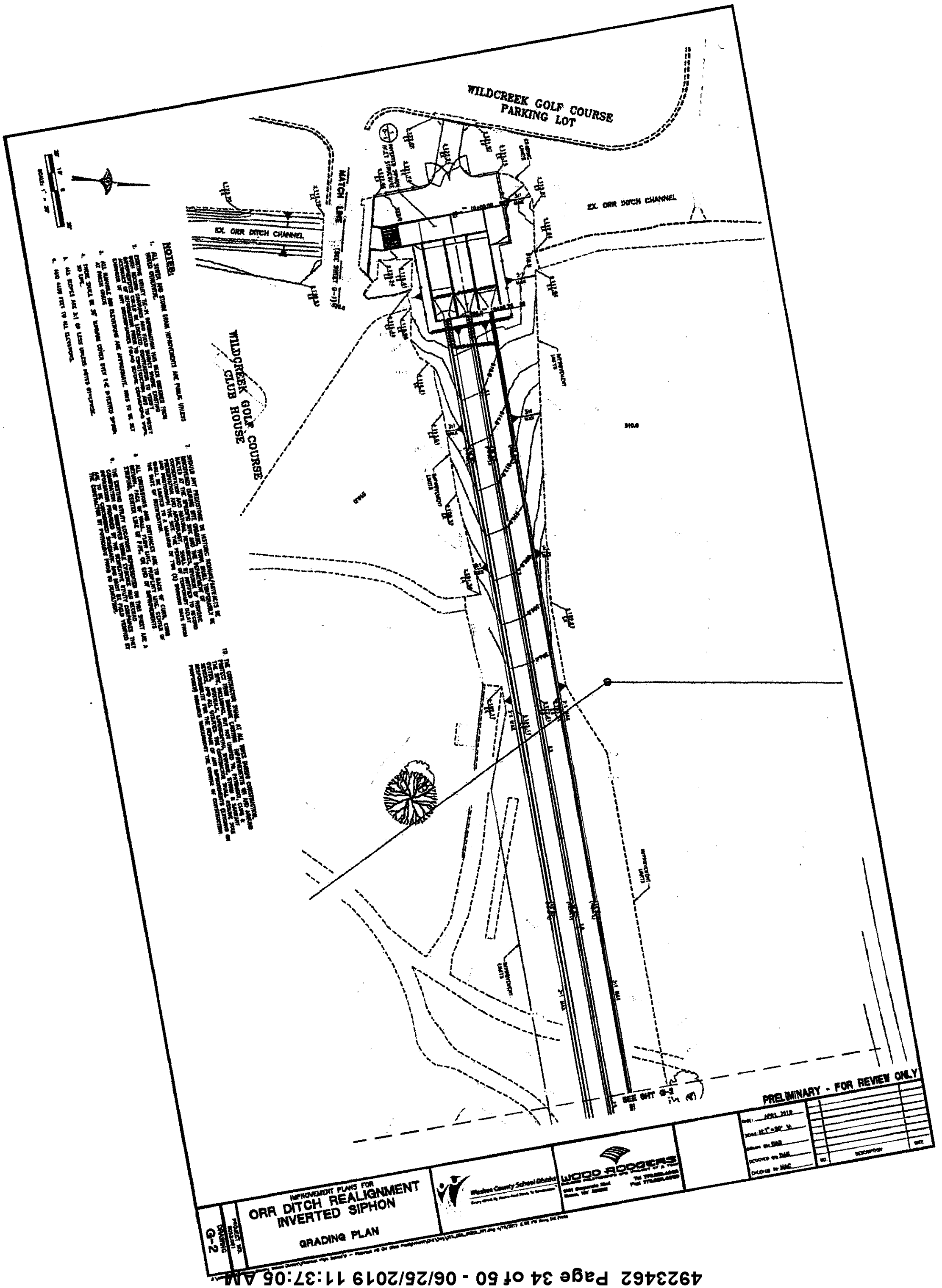
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT INVERTED SIPHON
PLAN AND PROFILE

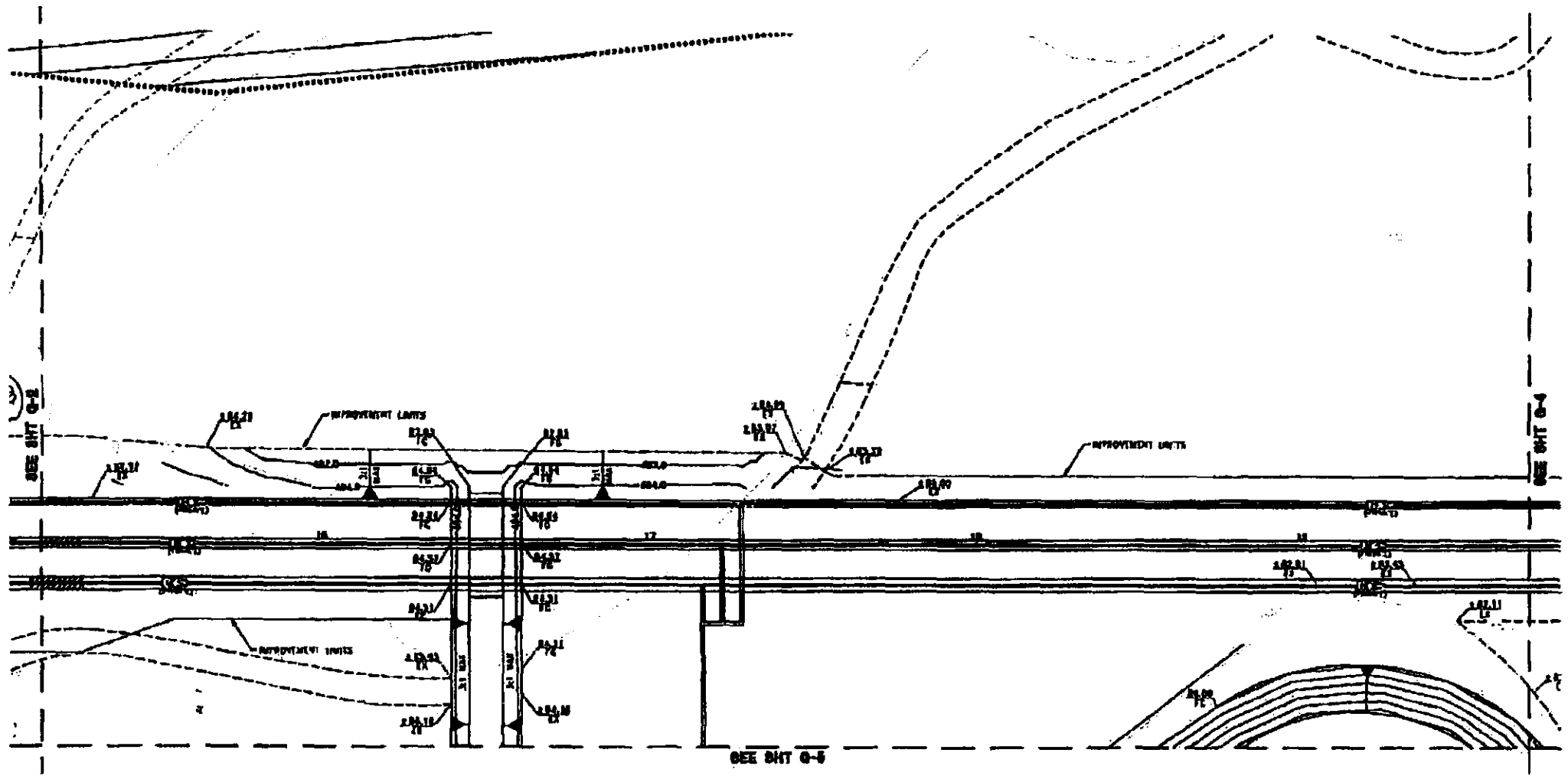
PROJECT NO. 1032.001

DRAWING: P-5



4923462 Page 33 of 50 - 06/25/2019 11:07:06 AM


WILDCREEK GOLF COURSE
PARKING LOT
EX. ORR DITCH CHANNEL
EX. ORR DITCH CHANNEL
WILDCREEK GOLF COURSE
CLUB HOUSE
NOTES:
SEE SHT G-3
PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
GRADING PLAN
Washoe County School District
WOOD RODGERS
G-2



NOTES:

1. ALL SEWER AND STORM DRAIN IMPROVEMENTS ARE PUBLIC UNLESS NOTED OTHERWISE.
2. EXISTING UTILITY TIE-IN INFORMATION HAS BEEN OBTAINED FROM BOTH RECORD DRAWINGS AND FIELD SURVEY WHERE EXISTING IMPROVEMENTS COULD BE LOCATED. CONTRACTOR TO VERIFY ACCURACY OF INFORMATION PRIOR TO CONSTRUCTION AND TO NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BEFORE COMMENCING WORK.
3. ALL MANHOLE RIM ELEVATIONS ARE APPROXIMATE. RIMS TO BE SET AT FINISH GRADE.
4. THERE SHALL BE 24" MINIMUM COVER OVER THE INVERTED SIPHON SO LINE.
5. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
6. ADD 4400 FEET TO ALL ELEVATIONS.
7. SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING SITE GRADING, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, DIVISION OF HISTORIC PRESERVATION AND ARCHEOLOGY, SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.
8. ALL DIMENSIONS AND DISTANCES ARE TO BACK OF CURB, CURB RETURN, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPING, CENTER LINE OF PIPE, OR END OF IMPROVEMENTS.
9. THE EXISTING UTILITY LOCATIONS REPRESENTED ON THIS SHEET ARE A COMBINATION OF OBSERVED VISIBLE EVIDENCE AND RECORD INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. THEY ARE TO BE CONSIDERED SCHEMATIC AND MUST BE FIELD VERIFIED BY THE CONTRACTOR BY POTHOLING PRIOR TO DEMOLITION.
10. THE CONTRACTOR SHALL, AT ALL TIMES DURING CONSTRUCTION, PROTECT FROM DAMAGE EXISTING IMPROVEMENTS ON AND AROUND THE SITE, INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB & GUTTER, SIDEWALK, LANDSCAPING, DRIVEWAYS, STORM & SANITARY SEWERS, AND ALL UTILITIES. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE REPAIR OF ANY IMPROVEMENTS (EXISTING OR PROPOSED) DAMAGED THROUGHOUT THE COURSE OF CONSTRUCTION.

SCALE: 1" = 20'

PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

WOOD RODGERS

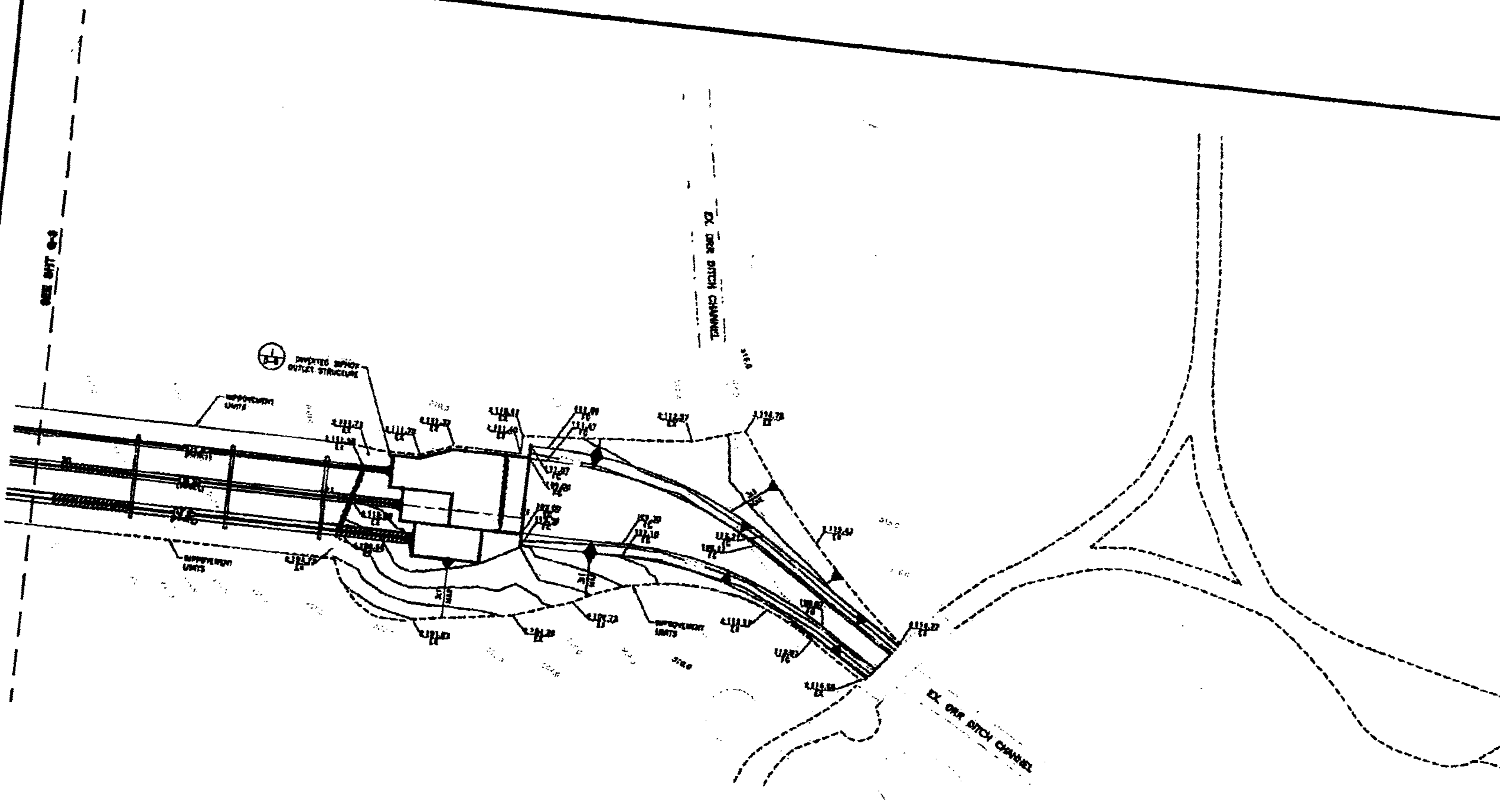
Washoe County School District

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

GRADING PLAN

PROJECT NO. 5053.001

DRAWING G-3



NOTES:

1. ALL SEWER AND STORM DRAIN IMPROVEMENTS ARE PUBLIC UNLESS NOTED OTHERWISE.
2. EXISTING UTILITY TIE-IN INFORMATION HAS BEEN OBTAINED FROM BOTH RECORD DRAWINGS AND FIELD SURVEY WHERE EXISTING IMPROVEMENTS COULD BE LOCATED. CONTRACTOR TO VERIFY ACCURACY OF INFORMATION PRIOR TO CONSTRUCTION AND TO NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND BEFORE COMMENCING WORK.
3. ALL MANHOLE RIM ELEVATIONS ARE APPROXIMATE. RIMS TO BE SET AT FINISH GRADE.
4. THERE SHALL BE 36" MINIMUM COVER OVER THE INVERTED SIPHON TO LIMIT.
5. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
6. ADD 4400 FEET TO ALL ELEVATIONS.
7. SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING SITE GRADING, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, DIVISION OF HISTORIC PRESERVATION AND ARCHEOLOGY, SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.
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SCALE: 1" = 20'

PRELIMINARY - FOR REVIEW ONLY

Washoe County School District

WOOD RODGERS

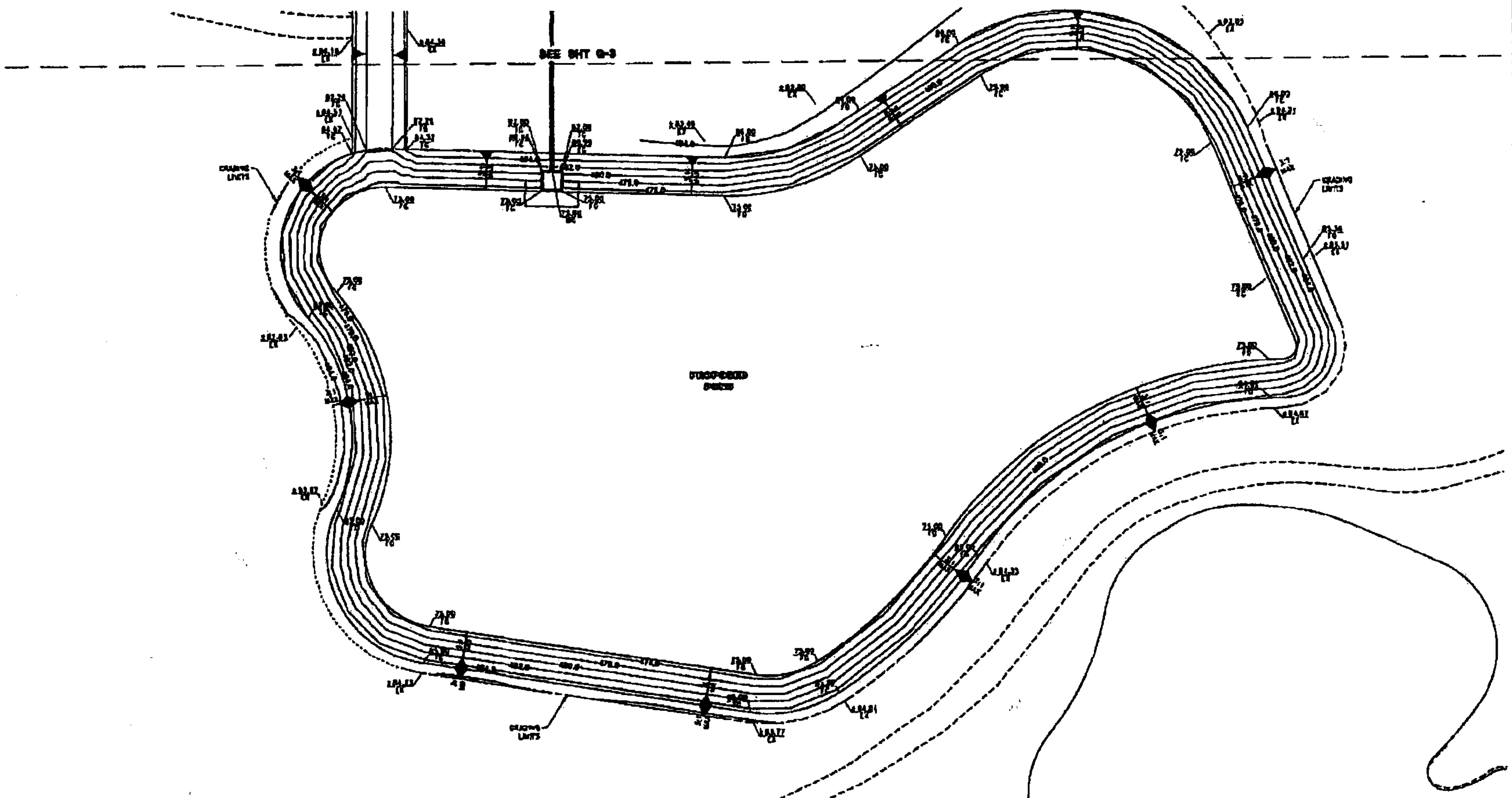
IMPROVEMENT PLANS FOR

ORR DITCH REALIGNMENT INVERTED SIPHON

GRADING PLAN

DRAWING G-4

PRELIMINARY - FOR REVIEW ONLY



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3. ALL MANHOLE RIM ELEVATIONS ARE APPROXIMATE. RIMS TO BE SET AT FINISH GRADE.
4. THERE SHALL BE 36" MINIMUM COVER OVER THE INVERTED SIPHON SD LINE.
5. ALL SLOPES ARE 3:1 OR LESS UNLESS NOTED OTHERWISE.
6. ADD 4400 FEET TO ALL ELEVATIONS.
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SCALE: 1" = 20'

Washoe County School District

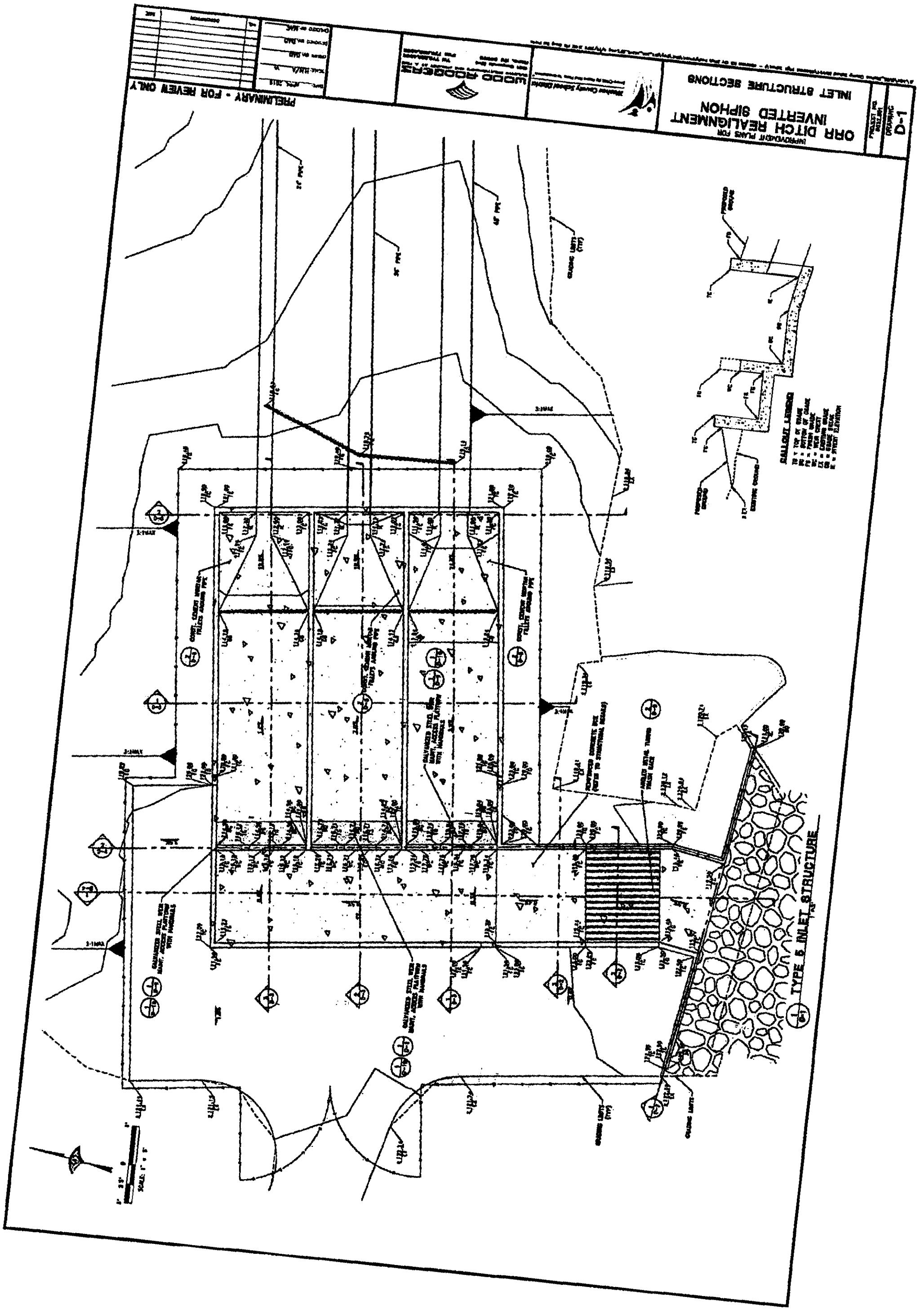
WOOD RODGERS

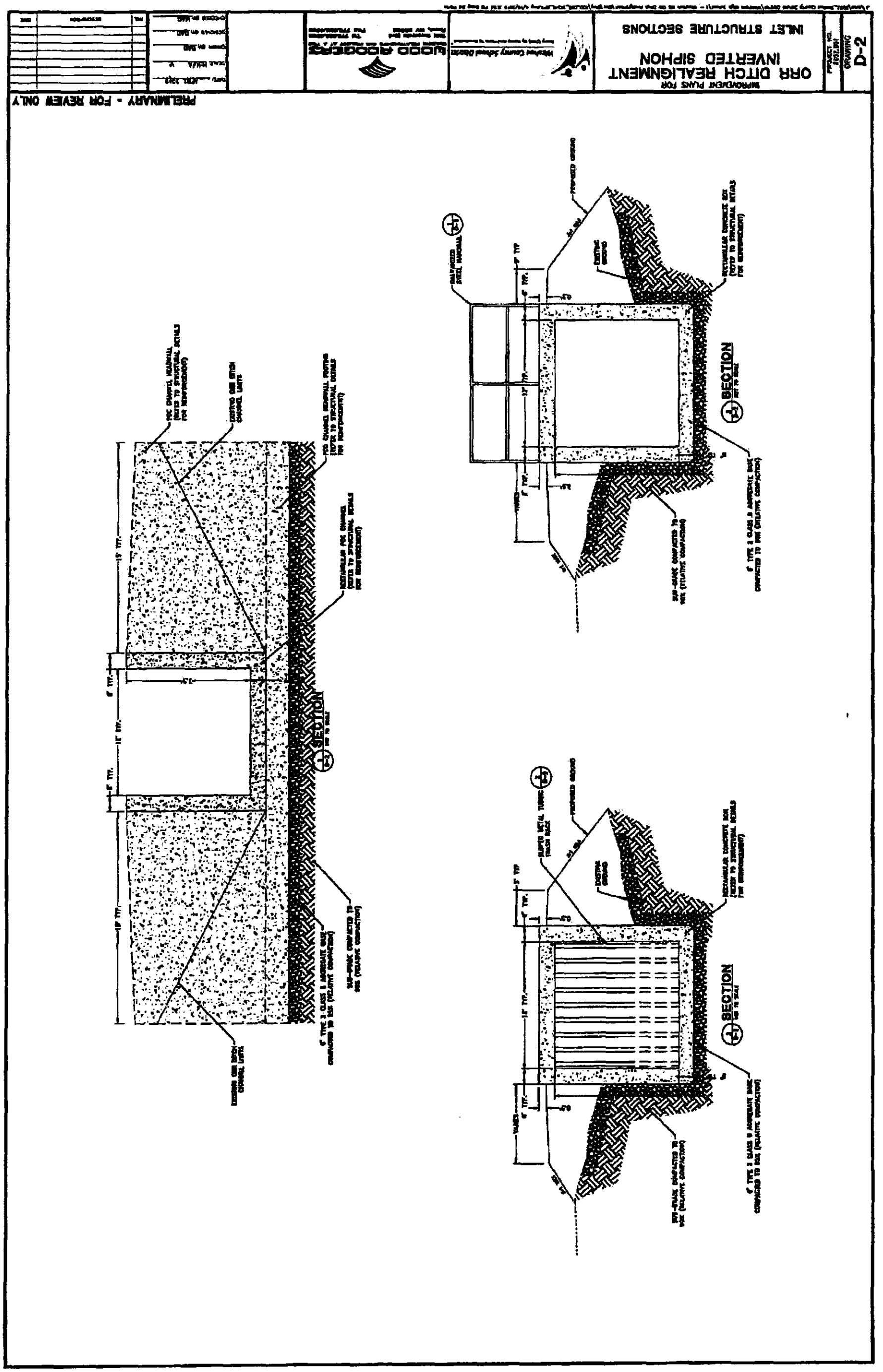
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

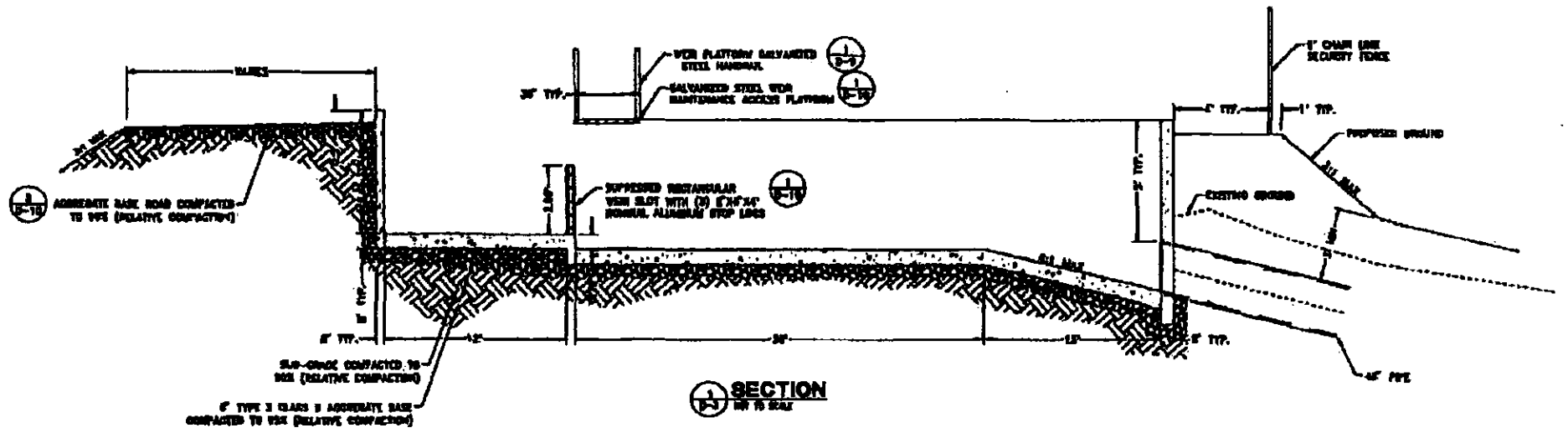
GRADING PLAN

PROJECT NO. [illegible]

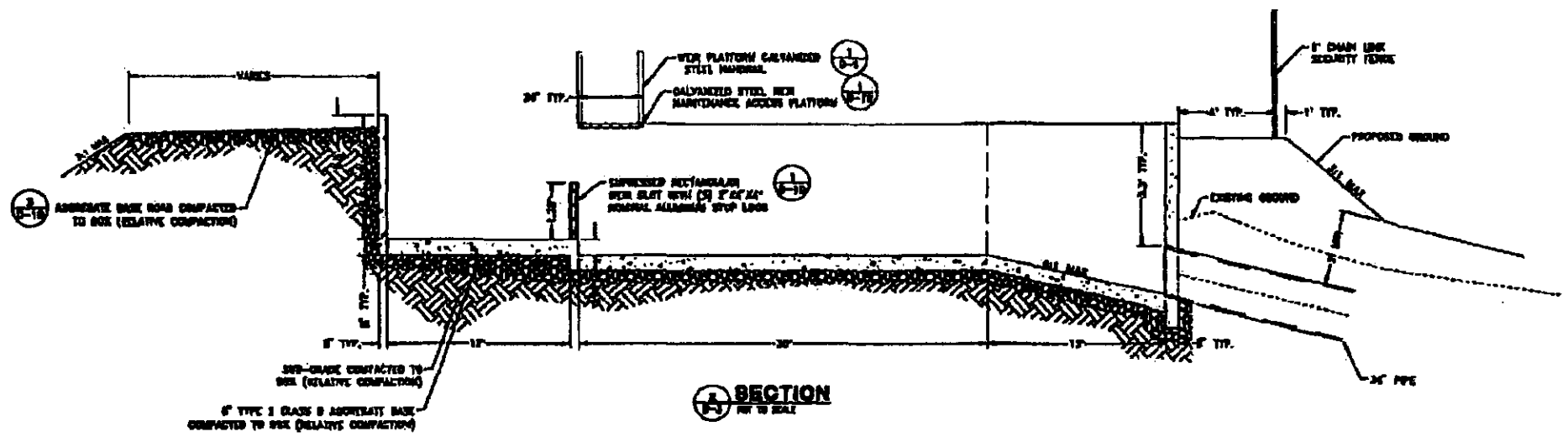
DRAWING
G-5


PRELIMINARY - FOR REVIEW ONLY
ORR DITCH REALIGNMENT
INVERTED SIPHON
INLET STRUCTURE SECTIONS
D-1
TYPE 5 INLET STRUCTURE


PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
INLET STRUCTURE SECTIONS
D-2
SECTION
SECTION
SECTION
SECTION



SECTION
NOT TO SCALE



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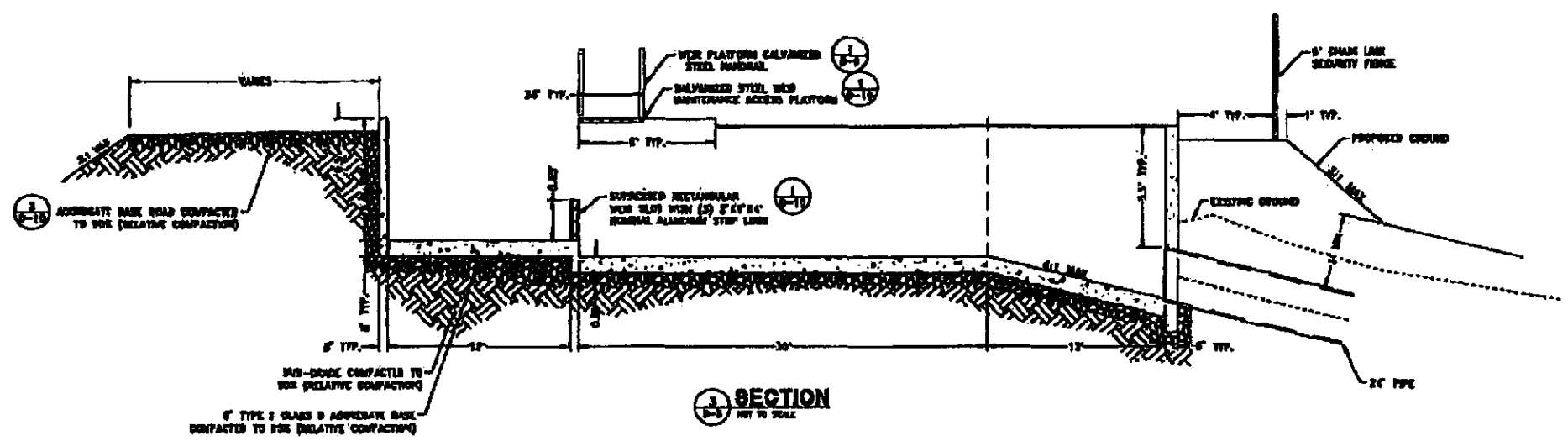


SECTION
NOT TO SCALE

PRELIMINARY - FOR REVIEW ONLY

No.	Description	Date

Date: APRIL 2019
Scale: NAS/A
Drawn by: DMD
Reviewed by: DMD
Calculated by: JMC

WOOD RODGERS

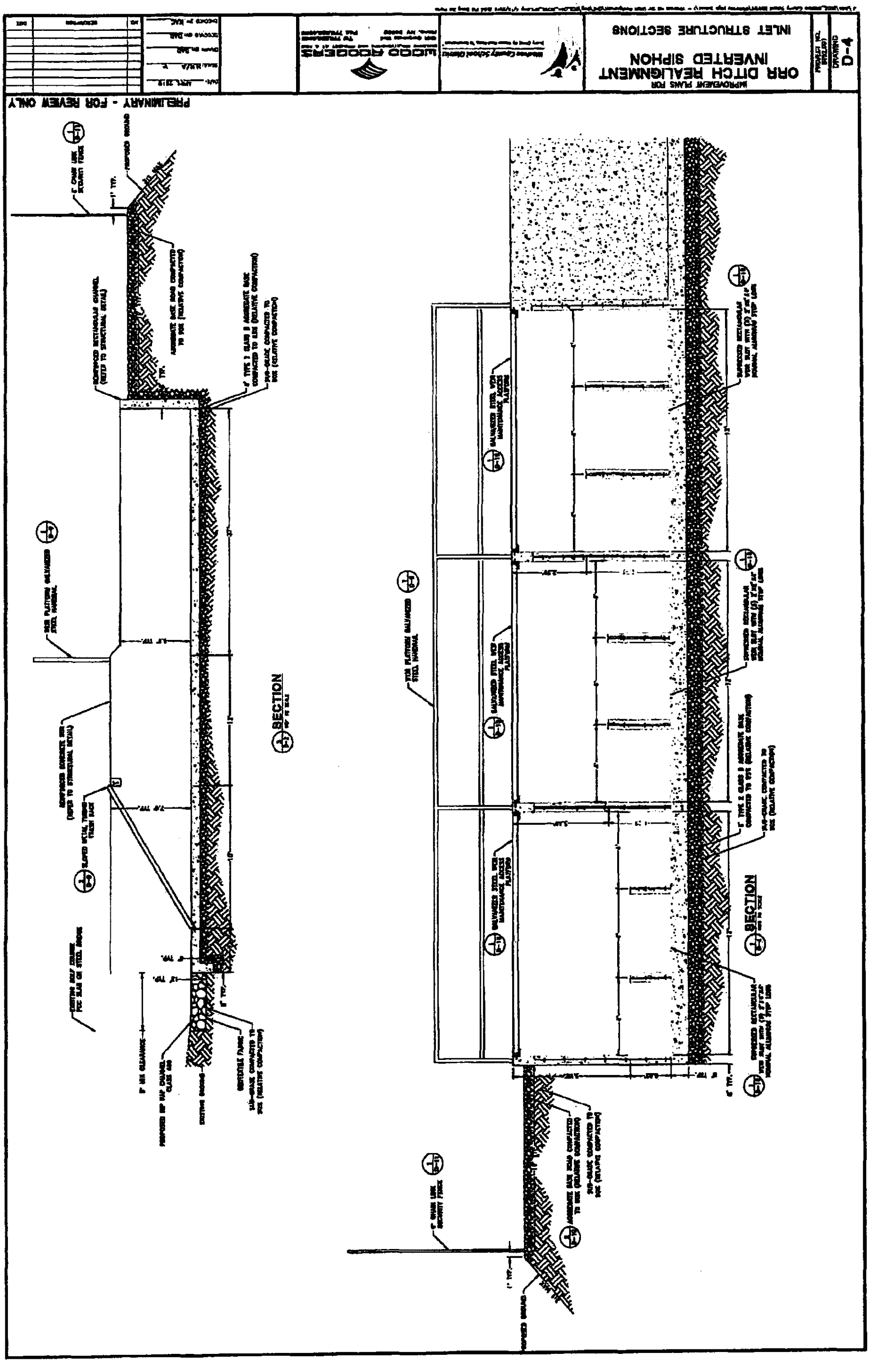
Weston County School District

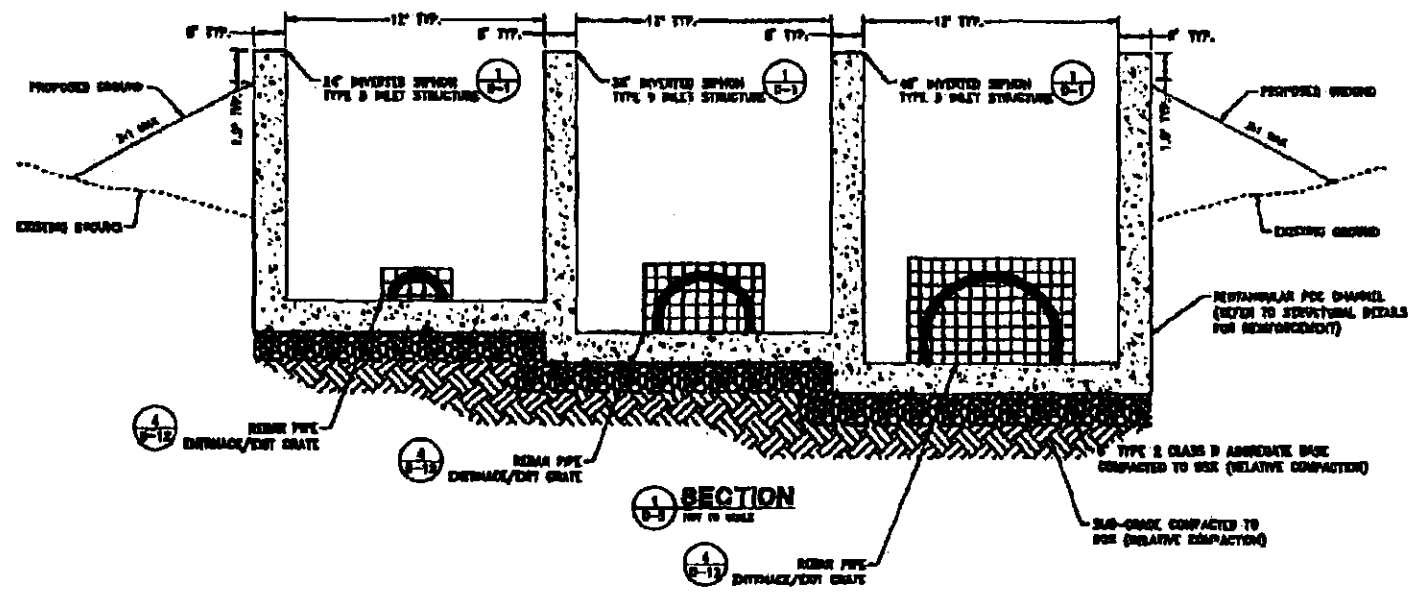
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

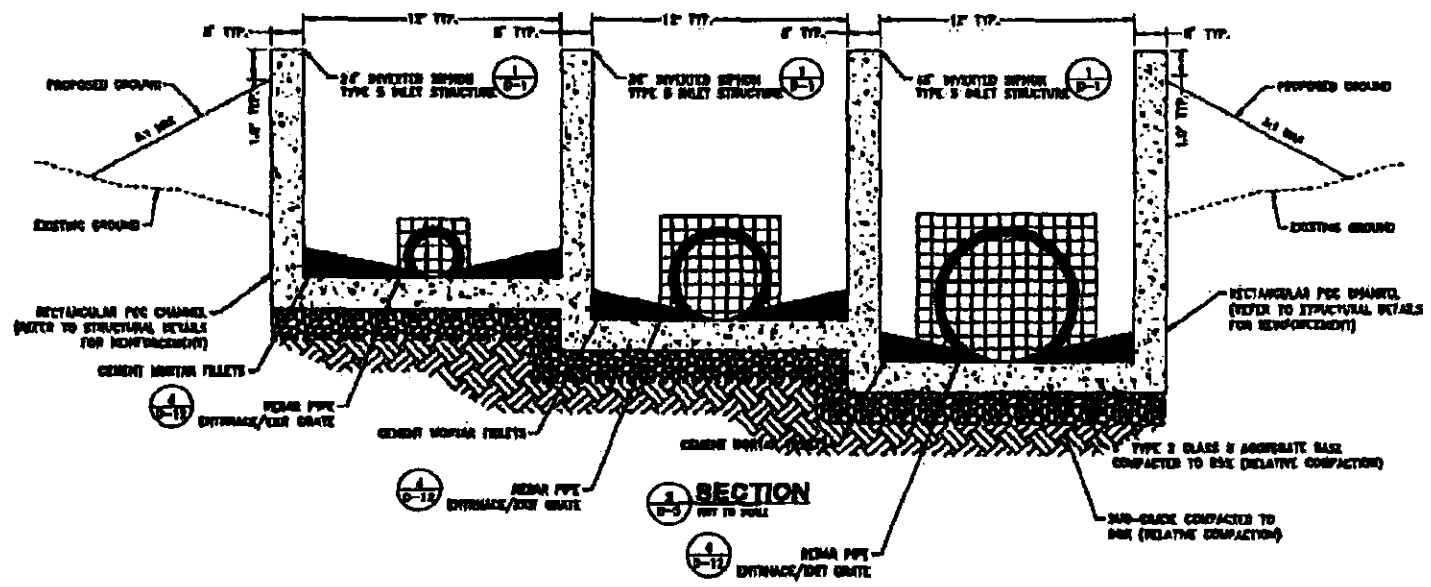
INLET STRUCTURE SECTIONS

PROJECT NO.
9051.001

DRAWING
D-3


IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
INLET STRUCTURE SECTIONS
PROJECT NO.
DRAWING
D-4
WOOD ROGERS
PRELIMINARY - FOR REVIEW ONLY
SECTION
SECTION





PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

WOOD RODGERS

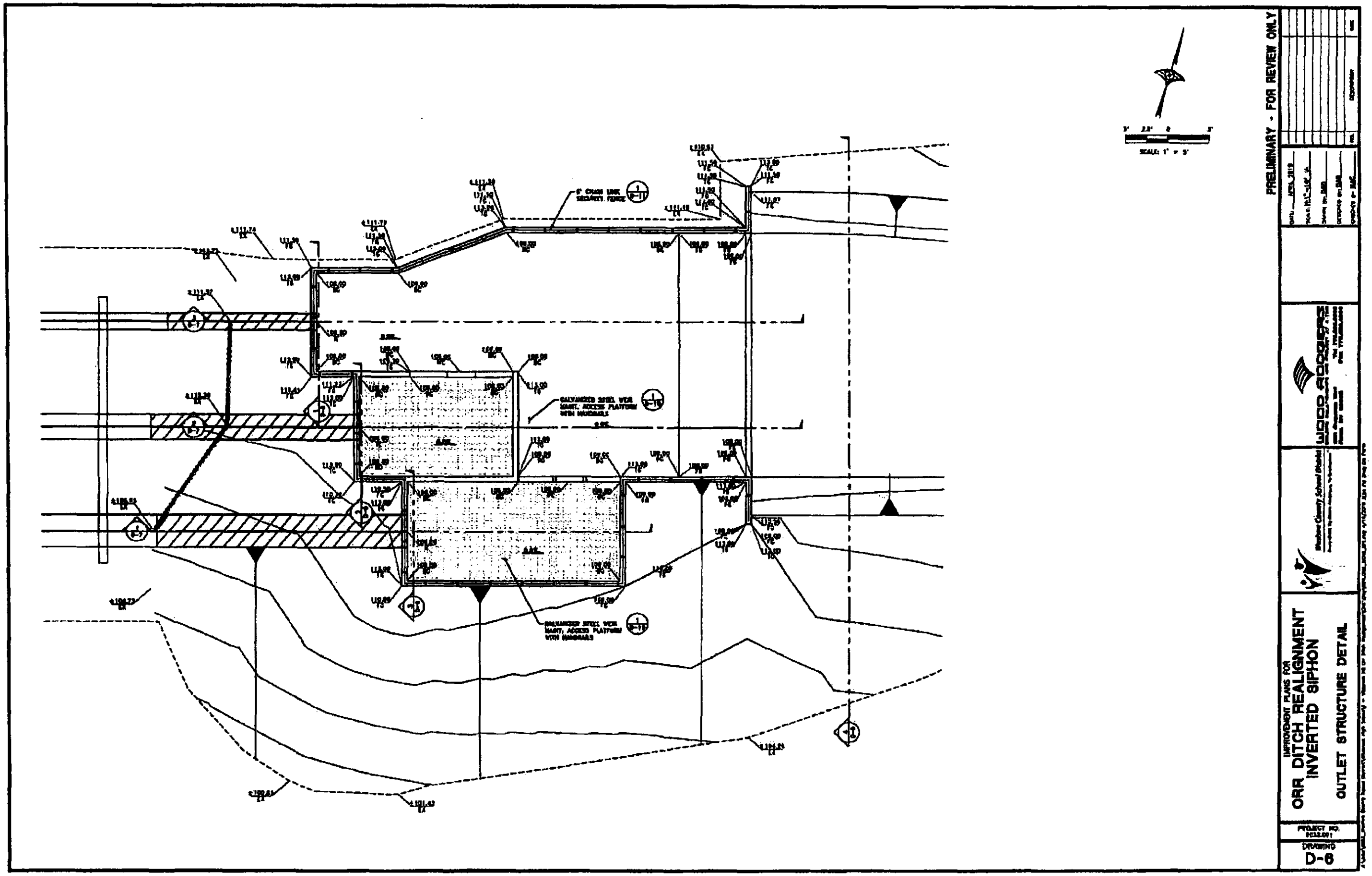
Western County School District

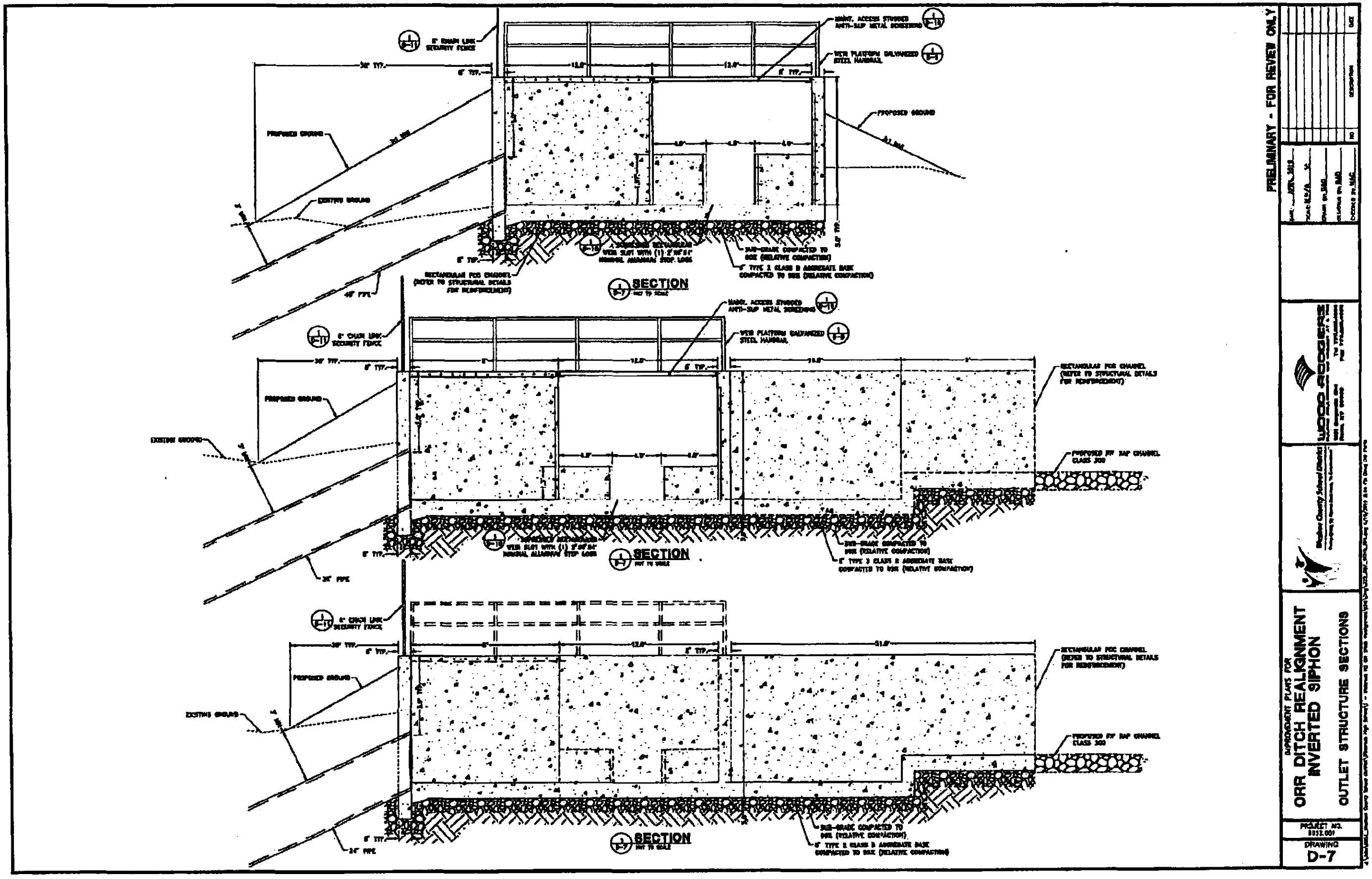
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

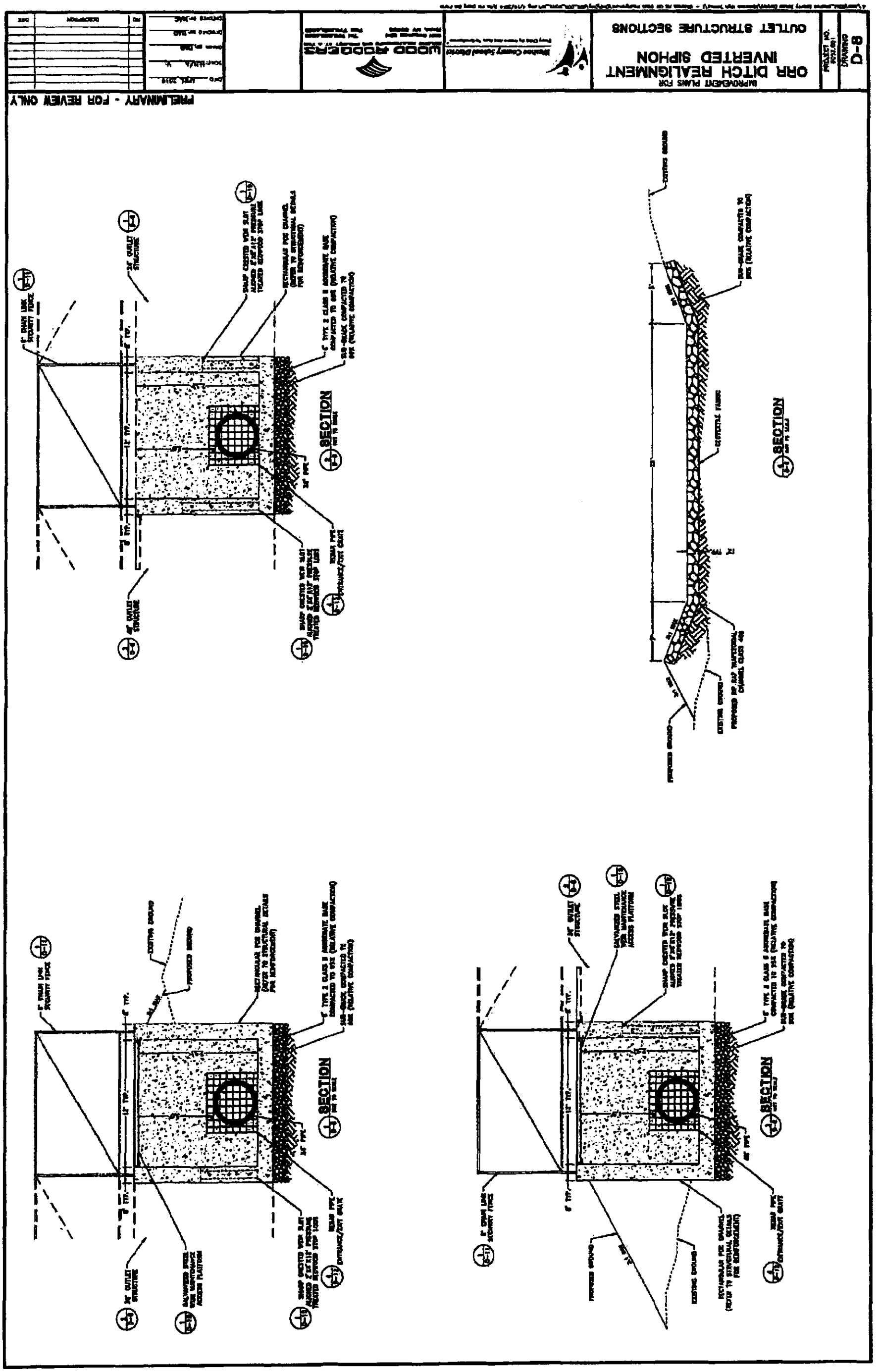
INLET STRUCTURE SECTIONS

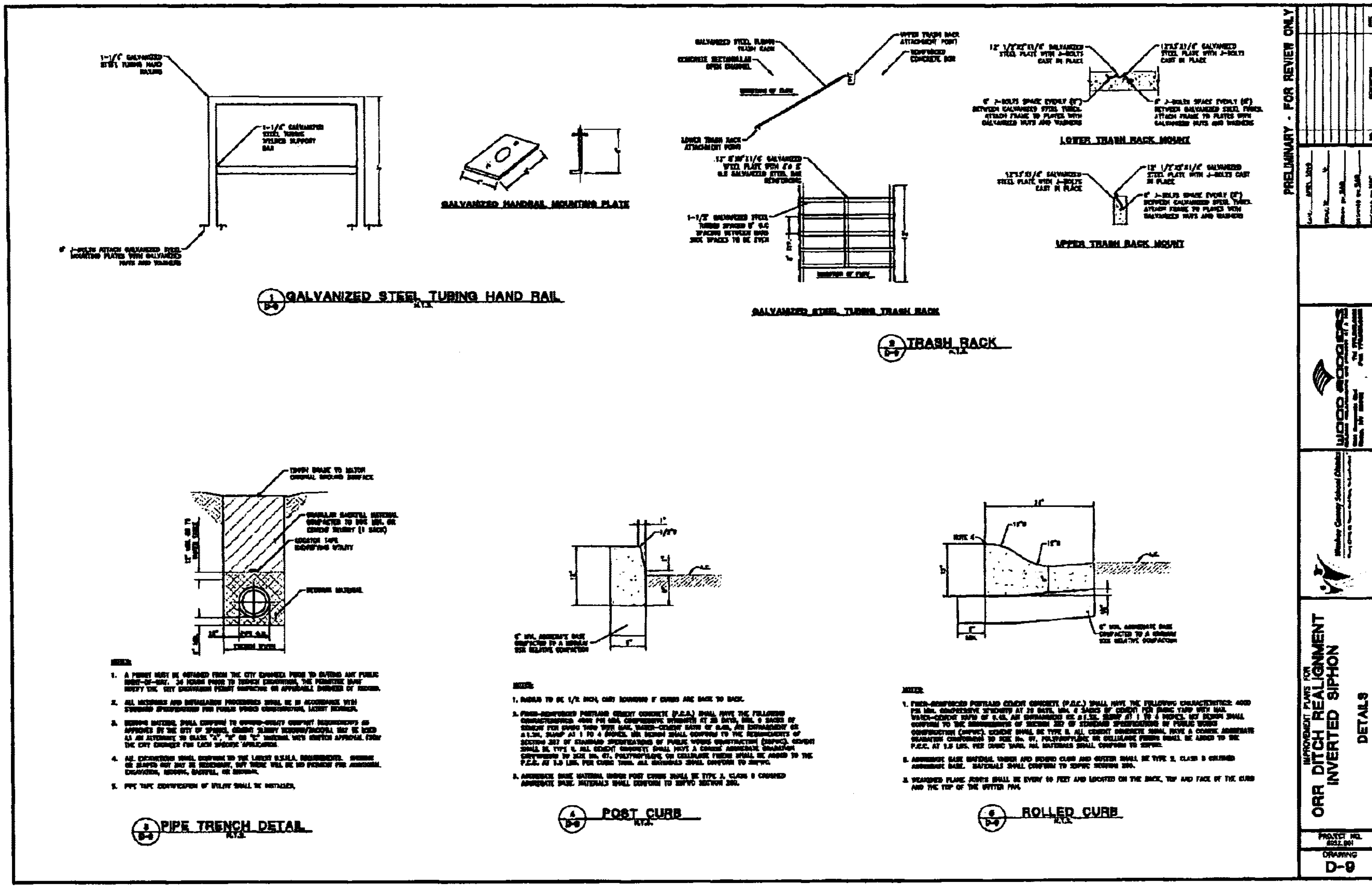
PROJECT NO. 0032.001

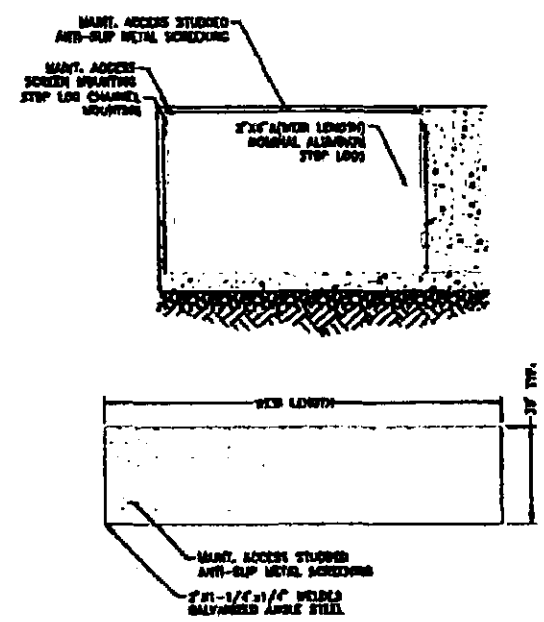
DRAWING D-5


PRELIMINARY - FOR REVIEW ONLY
SCALE: 1" = 5'
6' CHAIN LINK SECURITY FENCE
GALVANIZED STEEL WEIR MAINT. ACCESS PLATFORM WITH HANDRAILS
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
OUTLET STRUCTURE DETAIL
PROJECT NO.
DRAWING
D-6

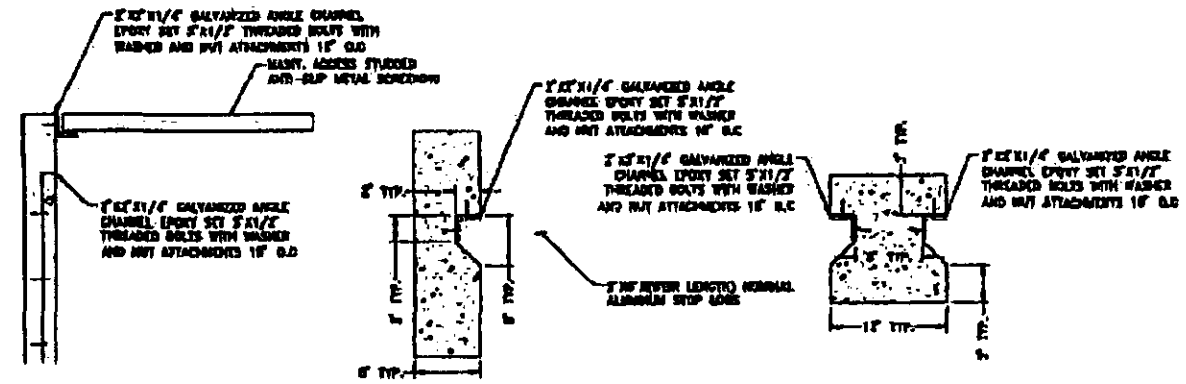

PRELIMINARY - FOR REVIEW ONLY
6' CHAIN LINK SECURITY FENCE
MAINT. ACCESS STRIDED ANTI-SLIP METAL SCREENING
WEIR PLATFORM GALVANIZED STEEL HANDRAIL
PROPOSED GROUND
EXISTING GROUND
RECTANGULAR FCC CHANNEL (REFER TO STRUCTURAL DETAILS FOR REINFORCEMENT)
SUB-GRADE COMPACTED TO 95% (RELATIVE COMPACTION)
6" TYPE 2 CLASS B AGGREGATE BASE COMPACTED TO 95% (RELATIVE COMPACTION)
SECTION
PROPOSED RIP RAP CHANNEL CLASS 300
24" PIPE
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT INVERTED SIPHON
OUTLET STRUCTURE SECTIONS
PROJECT NO.
DRAWING
D-7


IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
OUTLET STRUCTURE SECTIONS
D-8
PRELIMINARY - FOR REVIEW ONLY
SECTION
SECTION
SECTION
SECTION

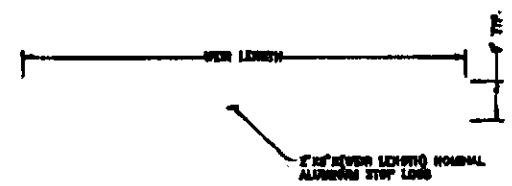

GALVANIZED STEEL TUBING HAND RAIL
GALVANIZED HANDRAIL MOUNTING PLATE
GALVANIZED STEEL TUBING TRASH RACK
TRASH RACK
LOWER TRASH RACK MOUNT
UPPER TRASH RACK MOUNT
PIPE TRENCH DETAIL
POST CURB
ROLLED CURB
PRELIMINARY - FOR REVIEW ONLY
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DETAILS
PROJECT NO.
DRAWING
D-9



PEDESTRIAN NON-SLIP METAL SCREEN

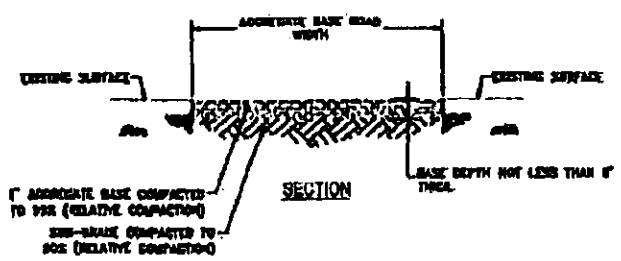


METAL SCREEN/STOP LOG MOUNTING DETAIL



ALUMINUM STOP LOG

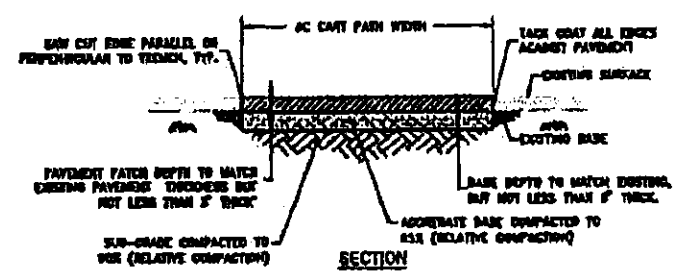
1 D-10 WEIR MAINT. ACCESS/STOP LOGS
N.T.S.



NOTES:

1. AGGREGATE BASE MATERIAL SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SUPPS SECTION 200.

2 D-10 AGGREGATE BASE ROAD
N.T.S.



NOTES:

1. AC PAVEMENT SHALL BE TYPE 3 MIX WITH PG64-22MV ASPHALT BINDER, PER SUPPS.
2. IF SAW CUT IS WITHIN 3 FEET OF AN EXISTING PAVEMENT EDGE OR EXISTING PAVEMENT PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
3. ALL PERMANENT PATCH REPLACEMENT REQUIREMENTS ARE MINIMUM VERTICAL ONLY AND INCLUDES ALL AREAS WHERE THE ASPHALT PAVEMENT HAS BEEN UNDERMINED. OVER PAVEMENT PATCH STRUCTURE MAY BE NECESSARY BASED ON SITE CONDITIONS.
4. AGGREGATE BASE MATERIAL UNDER REPAIRED PAVEMENT PATCH SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SUPPS SECTION 200.
5. FOR P.C.C. CURB REPLACEMENT, SAW CUT EXISTING PAVEMENT 18 INCHES BEYOND FACE OF CURB (IN THE GUTTER AND GUTTER PATCH) TO 12" OF CURB. CONCRETE MAY BE POURED NEAT AGAINST EXISTING EDGE OF ASPHALT IF APPROVED BY THE ENGINEER.

3 D-10 PERMANENT AC PAVEMENT PATCH
N.T.S.

PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

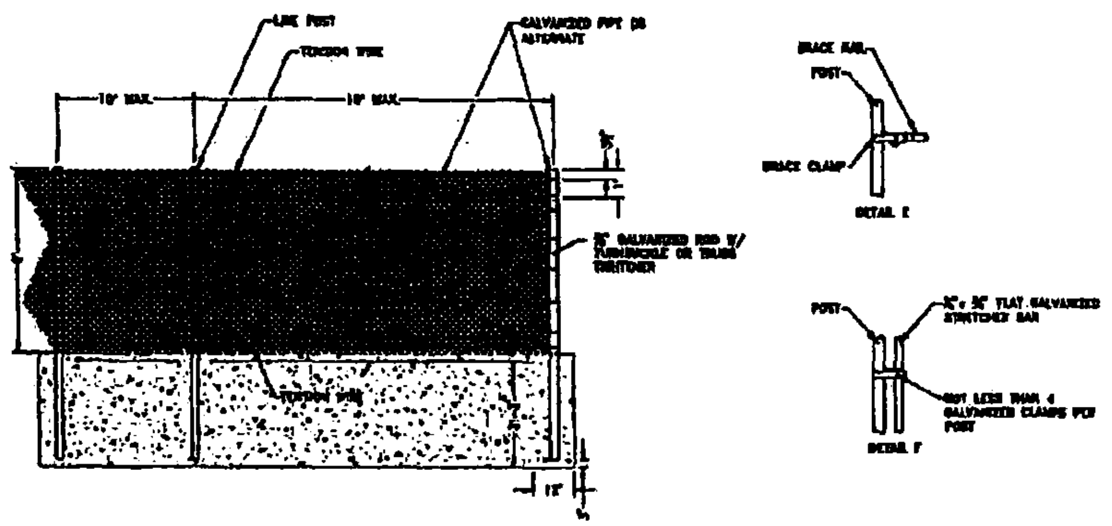
DATE: APRIL 2019
SCALE: AS
DRAWN BY: DMB
REVIEWED BY: DMB
APPROVED BY: MAC

WOOD RODGERS
Wood Rodgers, Inc.
Sacramento, CA
Tel: 916-341-7760
Fax: 916-772-9693

Winnebago County School District
Rockford, Illinois

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON
DETAILS

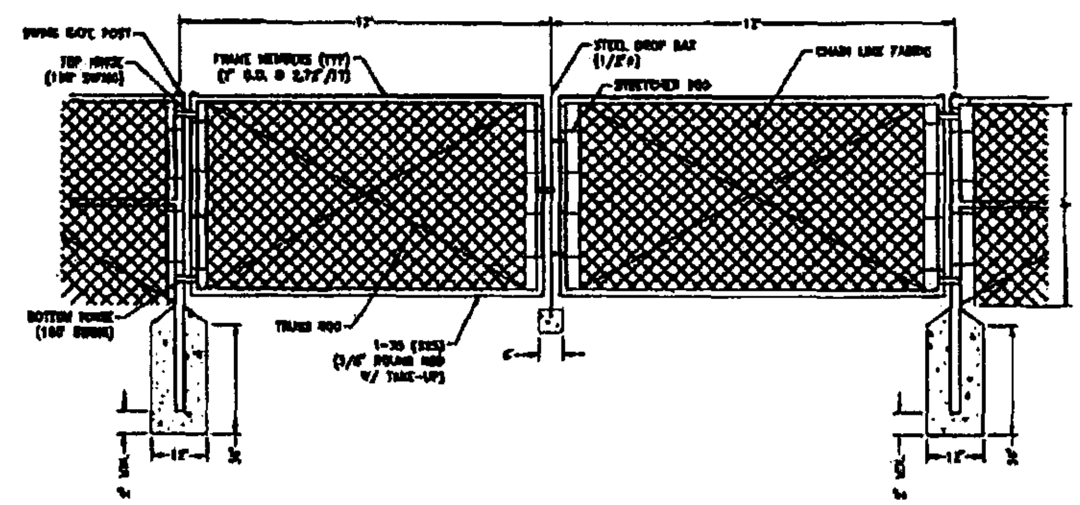
PROJECT NO. 0732.001
DRAWING D-10



NOTES:

1. CHAIN-LINK FENCING SHALL CONSIST OF GALVANIZED CHAIN-LINK FABRIC ON STEEL POSTS (TUBULAR OR C-SECTION)
2. ALL POST TOPS SHALL BE FITTED WITH SUITABLE FINIALS
3. BRACES SHALL BE SPACED APPROXIMATELY 12" BELOW TOP OF TERMINAL POSTS AND SHALL EXTEND FROM END, GATE, OR CORNER POSTS TO FIRST ADJACENT LINE POST
4. ALL FITTINGS SHALL BE HOT-DIPPED GALVANIZED MALLEABLE, CAST IRON, OR PRESSED STEEL
5. FABRIC SHALL BE FASTED TO LINE POSTS WITH FABRIC BANDS SPACED APPROXIMATELY 14" APART, AND TO TOP TENSION WIRE AND BOTTOM TENSION WIRE WITH HOG RINGS OR TIE WIRES SPACED APPROXIMATELY 24" APART

1 / D-11 SECURITY FENCE DETAIL
N.T.S.



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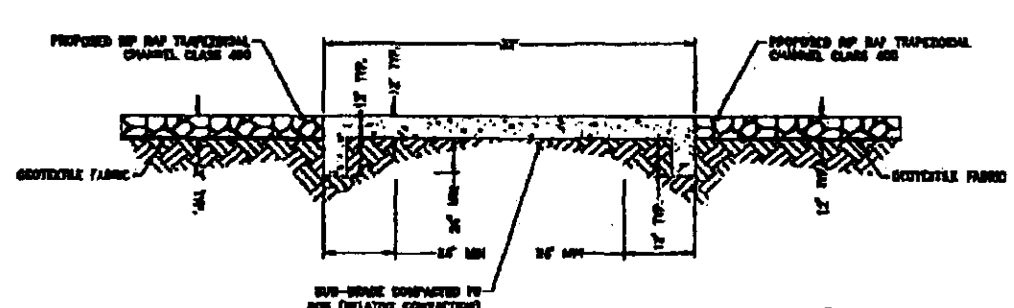
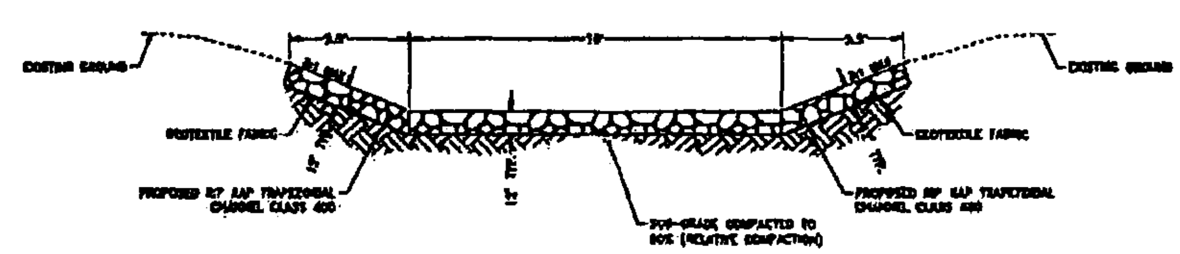
2 / D-11 DOUBLE SWING GATE DETAIL
N.T.S.



3 / D-11 CONCRETE BOTTOM RIP RAP CHANNEL
N.T.S.



PRELIMINARY - FOR REVIEW ONLY

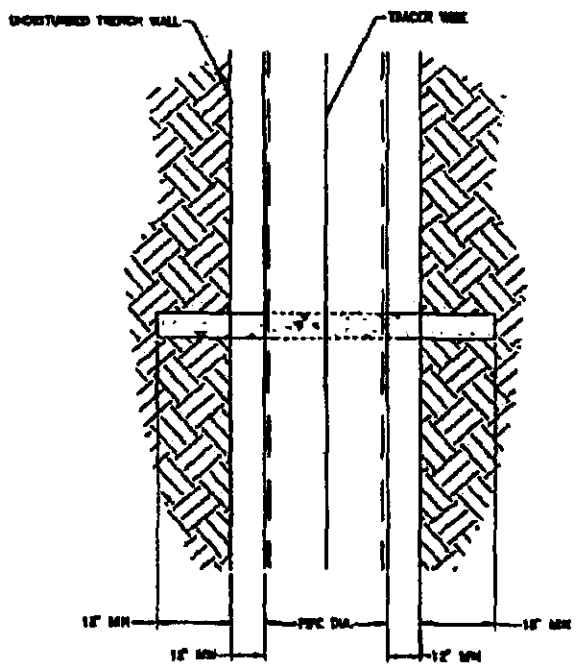
IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

DETAILS

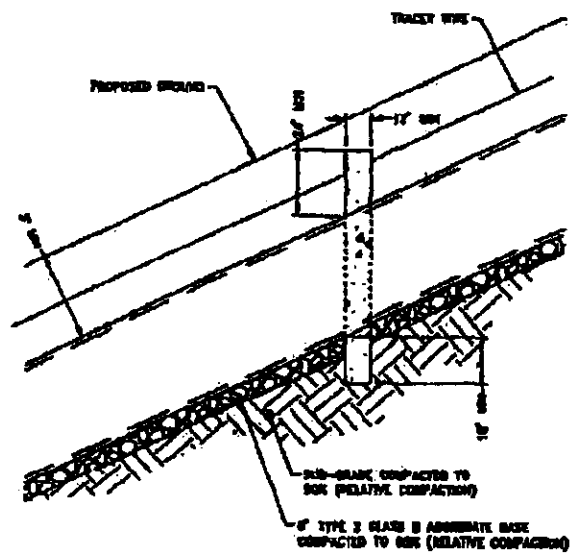
Washoe County School District

WOOD RODGERS

PROJECT NO.
DRAWING
D-11

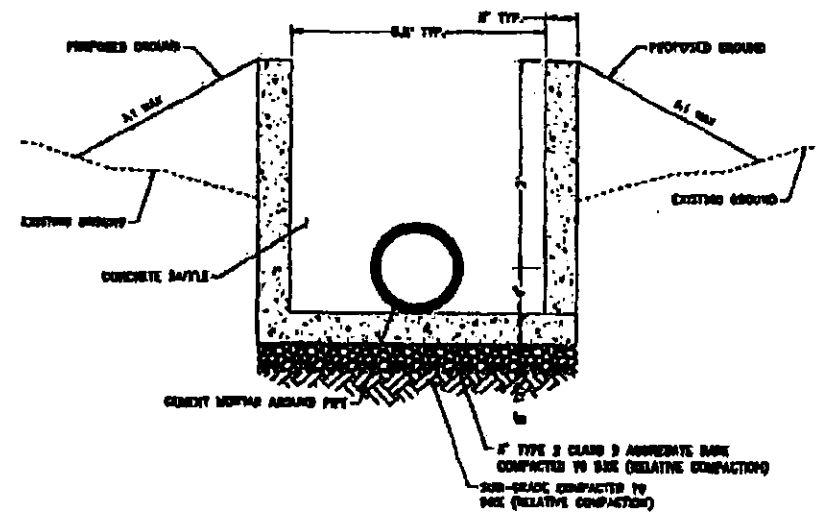


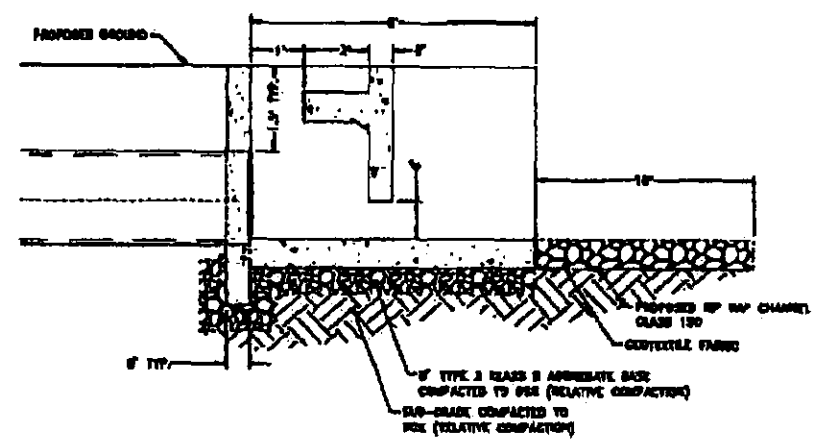
PLAN VIEW



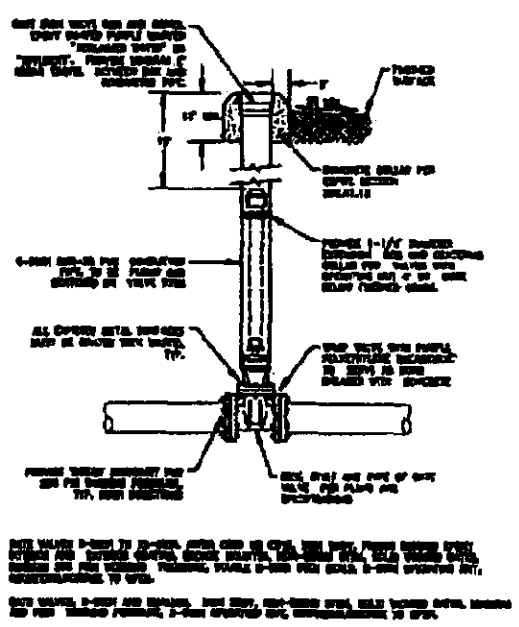
ELEVATION VIEW

1 / D-12 PIPE SLOPE ANCHOR
N.T.S.

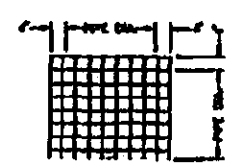


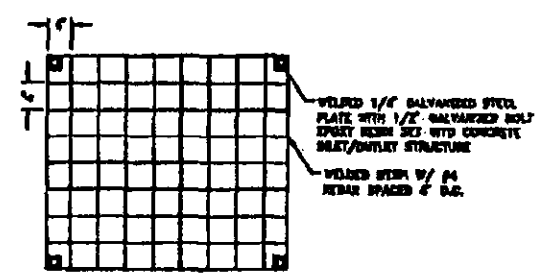


2 / D-12 BAFFLED OUTLET
N.T.S.



3 / D-12 GATE VALE
N.T.S.





4 / D-12 PIPE ENTRANCE/EXIT GRATE
N.T.S.

PRELIMINARY - FOR REVIEW ONLY

NO.	DESCRIPTION	DATE

DATE: APRIL 2018
SCALE: N/A
DRAWN BY: DAG
DESIGNED BY: DAG
CHECKED BY: DAG

WOOD RODGERS

Washoe County School District

IMPROVEMENT PLANS FOR
ORR DITCH REALIGNMENT
INVERTED SIPHON

DETAILS

PROJECT NO.
DRAWING
D-12

WASHOE COUNTY
RECORDER

OFFICE OF THE RECORDER
KALIE M. WORK, RECORDER

1001 E. NINTH STREET
RENO, NV 89512
PHONE (775) 328-3661
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LEGIBILITY NOTICE

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By my signing below, I acknowledge that I have been advised that once the document has been microfilmed it may not reproduce a legible copy.

Shelly Saltz
Signature

6/25/2019
Date

Shelly Saltz
Printed Name