PROJECT/PATHWAY AGREEMENT

This PROJECT/PATHWAY AGREEMENT, made and entered into this ____ day of _____, 2020, by and between NAMPA & MERIDIAN IRRIGATION DISTRICT, an irrigation district organized and existing under and by virtue of the laws of the State of Idaho, party of the first party, hereinafter referred to as the "District," and

THE CITY OF MERIDIAN, a political subdivision and
municipality of the State of Idaho,
33 East Broadway Avenue, Meridian, Idaho 83642

party or parties of the second part, hereinafter referred to as the "City,"

W I T N E S S E T H:

WHEREAS, the parties hereto entered into a Master Agreement entered into March 18, 2014 and recorded as Instrument No. 114029168 in the records of Ada County, Idaho, hereinafter referred to as the "Master Agreement;" and,

WHEREAS, the District and the City intended by entering the Master Agreement to establish a process for the City's submission of encroachment proposals and the District's consideration of such proposals and to provide the general conditions for the District's approval and permission of encroachment proposals affecting the District's ditches, property, operations and maintenance; and,

WHEREAS, the parties hereto entered into a Master Pathway Agreement For Developing and Maintaining Pathways for public use along and across some of the District's ditches and within some of the District's easements and fee title lands dated December 19, 2000, recorded as Instrument No. 100102999, records of Ada County, Idaho, hereinafter referred to as the "Master Pathway Agreement; and

WHEREAS, the District grants to the City the right develop pathways to encroach within the District's easements along and across the District's ditches, canals and easements therefor upon the terms and conditions of said Master Pathway Agreement and after the execution of an agreement for each proposed crossing and encroachment; and

WHEREAS, the City is the owner of the real property/ right of way (burdened with the easement of the District hereinafter mentioned) particularly described in the "Legal Description" attached hereto as Exhibit A and by this reference made a part hereof; and,

WHEREAS, the District controls the irrigation/drainage ditch or canal known as the

FINCH LATERAL aka South Slough (hereinafter referred to as "ditch or canal") together with the real property and/or easement to convey irrigation and drainage water, to operate and maintain the ditch or canal, and which crosses and intersects said described real property of the City as shown on Exhibit B attached hereto and by this reference made a part hereof; and,

WHEREAS, the City seeks permission to: 1) pipe a portion of the Finch Lateral in 48 inch Class III RCP for approximately 1,211 feet to accommodate the installation of the proposed pedestrian pathway over said pipe and within the District's easement; and 2) to construct and install a pedestrian pathway over the piped Finch Lateral and within the District's easement, under the terms and conditions of said Master Agreement and Master Pathway Agreement and those hereinafter set forth,

NOW, THEREFORE, for and in consideration of the premises and of the covenants, agreements and conditions hereinafter set forth and those set forth in said Master Agreement and Master Pathway Agreement, the parties hereto agree as follows:

1. City may: a) pipe a portion of the Finch Lateral in 48 inch Class III RCP for approximately 1,211 feet to accommodate the installation of the proposed pedestrian pathway over said pipe and within the District's easement; and 2) to construct and install a pedestrian pathway over the piped Finch Lateral and within the District's easement, located within or near Chamberlin Estates Subdivision No. 2, southeast of the intersection of Locust Grove Road and Ustick Road in Meridian, Ada County, Idaho as shown in the attached project plans stated as Exhibit B-1.

2. Any construction, piping or crossing of said ditch or canal shall be performed in accordance with the project plans shown in Exhibit B-1 and the "Special Conditions" stated in Exhibit C, attached hereto and by this reference made part thereof.

3. The parties hereto incorporate in and make part of this Project/Pathway Agreement all the covenants, conditions, and agreements of said Master Agreement and Master Pathway Agreement unchanged except as the result of the provisions of this Project/Pathway Agreement.

The covenants, conditions and agreements herein contained and incorporated by reference shall constitute covenants to run with, and running with, all of the lands of the City described in said Exhibit A, and shall be binding on each of the parties hereto and on all parties and all persons claiming under them or either of them, and the advantages hereof shall inure to the benefit of each of the parties hereto and their respective successors and assigns.

END OF TERMS - SEE FOLLOWING PAGES FOR SIGNATURES

IN WITNESS WHEREOF, the District has hereunto caused its corporate name to be subscribed by its officers first hereunto duly authorized by resolution of its Board of Directors and the City has hereunto subscribed its corporate name to be subscribed and its seal to be affixed thereto, all as of the day and year herein first above written.

NAMPA & MERIDIAN IRRIGATION DISTRICT

By_____
Its President

ATTEST:

_____
Its Secretary

THE CITY OF MERIDIAN

By_____
Its

ATTEST:

_____

STATE OF IDAHO)
) ss:
County of Canyon)

On this _____ day of _____, 2020, before me, the undersigned, a Notary Public in and for said State, personally appeared Will Patterson and Michael Comeskey, known to me to be the President and Secretary, respectively, of NAMPA & MERIDIAN IRRIGATION DISTRICT, the irrigation district that executed the foregoing instrument and acknowledged to me that such irrigation district executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

_____
Notary Public for _____
Residing at _____, _____
My Commission Expires:_____

STATE OF IDAHO)
) ss:
County of _____)

On this _____ day of _____, 2020, before me, the undersigned, a Notary Public in and for said State, personally appeared _____ and _____, known to me to be the _____ and _____, respectively, of The CITY OF MERIDIAN, the entity that executed the foregoing instrument and acknowledged to me that such entity executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

_____
Notary Public for _____
Residing at _____, _____
My Commission Expires:_____

EXHIBIT A
Legal Description

The City's has an easement/right of way located in Chamberlin Estates for the pathway which is described in Exhibit A-1 attached hereto and by this reference incorporated herein.

EXHIBIT B
Crossing Location

See Exhibit B-1 attached hereto.

EXHIBIT C
Special Conditions

a. Piping of the Finch Lateral and construction authorized by this Project/Pathway Agreement shall be in accordance with Exhibit B-1, attached hereto and by this reference made a part hereof. The City acknowledges that the Finch Lateral has water in it year around and that the City will be responsible to install and maintain bypass pumps as necessary to maintain the flows in the Finch Lateral. The City further acknowledges that the City shall be responsible for seasonal mowing and weed control within City's easement and where the pathway is to be installed.

b. City shall notify the water superintendent of the District prior to and immediately after construction so that he or the District's engineers may inspect and approve the construction.

c. City shall be responsible for repair and maintenance associated with the Finch Lateral placed in pipe or culvert by the City pursuant to this Project/Pathway Agreement, including rehabilitation or replacement of the culvert/pipe for a period of three years from the date of this Project/Pathway Agreement. Maintenance and repairs shall include, but not be limited to, all repairs necessary to preserve the structural integrity of the ditch or canal and its banks and unobstructed flow of water through such portion of the ditch or canal and prevent the loss of water from such portion of the ditch or canal. If the City shall fail in any respect to properly maintain and repair such portion of the ditch or canal, then the District, at its option, and without impairing or in anyway affecting its other rights and remedies hereunder, shall have the right to perform the necessary maintenance and repairs and the City agrees to pay to the District, on demand, the cost or expense which shall be reasonably expended or incurred by the District for such purposes. The District shall give reasonable notice to the City prior to the District's performing such maintenance, repair or other work except that in cases of emergency the District shall attempt to give such notice as reasonable under the circumstances. Nothing in this paragraph shall create or support any claim of any kind by the City or any third party against the District for failure to exercise the options stated in this paragraph, and the City shall indemnify, hold harmless and defend the District from any claims made against the District arising out of or relating to the City's obligation to maintain and repair the ditch or canal as provided in this paragraph except for claims arising solely out of the negligence or fault of the District.

d. The permitted hours of use of the pathway shall be from one half hour before sunrise and one-half hour after sunset.

e. City acknowledges that the District's easement for the Finch Lateral includes a sufficient area of land to convey irrigation and drainage water, to operate, clean, maintain and repair the Finch Lateral, and to access the Finch Lateral for those purposes, and that, in the location of the City's project, NMID claims a minimum easement dimension for the Finch Lateral of 80 feet, 40 feet to either side of the centerline.

f. The piping of the Finch Lateral shall be completed during the non-irrigation season and shall not commence prior to October 15, 2020 and shall be completed prior to March 15, 2021. All other construction, including the pathway, shall be completed within one year of the date of this Project/Pathway Agreement. Time is of the essence.

g. The duration of the permission granted by this Project/Pathway Agreement shall be in perpetuity, for the life and maintenance of the encroachments including construction, operation, maintenance, repair and reconstruction.

END OF SPECIAL CONDITIONS

ADA COUNTY RECORDER Phil McGrane
BOISE IDAHO Pgs=5 BONNIE OBERBILLIG
CITY OF MERIDIAN, IDAHO

2020-106337
08/19/2020 12:43 PM
NO FEE

Project Name (Subdivision):
Chamberlain Estates Pathway Easement

PEDESTRIAN PATHWAY EASEMENT

THIS AGREEMENT, made this 18th day of August, 2020, between Chamberlain Estates HOA hereinafter referred to as "Grantor", and the City of Meridian, an Idaho municipal corporation, hereinafter referred to as "Grantee";

WITNESSETH:

WHEREAS, Grantor is the owner of real property on portions of which the City of Meridian desires to establish a public pathway; and

WHEREAS, the Grantor desires to grant an easement to establish a public pathway and provide connectivity to present and future portions of the pathway; and

WHEREAS, Grantor shall construct the pathway improvements upon the easement described herein; and

NOW, THEREFORE, the parties agree as follows:

THE GRANTOR does hereby grant unto the Grantee an easement on the following property, described on Exhibit "A" and depicted on Exhibit "B" attached hereto and incorporated herein.

THE EASEMENT hereby granted is for the purpose of providing a public pedestrian pathway easement for multiple-use non-motorized recreation, with the free right of access to such facilities at any and all times.

TO HAVE AND TO HOLD, said easement unto said Grantee, its successors and assigns forever.

THE GRANTOR hereby covenants and agrees that it will not place or allow to be placed any permanent structures, trees, brush, or perennial shrubs or flowers within the area described for this easement, which would interfere with the use of said easement, for the purposes stated herein.

IT IS EXPRESSLY UNDERSTOOD AND AGREED, by and between the parties hereto, that the Grantor shall repair and maintain the pathway improvements.

THE GRANTOR hereby covenants and agrees with the Grantee that should any part of the easement hereby granted become part of, or lie within the boundaries of any public street,

then, to such extent such easement hereby granted which lies within such boundary thereof or which is a part thereof, shall cease and become null and void and of no further effect and shall be completely relinquished.

THE GRANTOR does hereby covenant with the Grantee that it is lawfully seized and possessed of the aforementioned and described tract of land, and that it has a good and lawful right to convey said easement, and that it will warrant and forever defend the title and quiet possession thereof against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the said Grantor has hereunto subscribed its signature the day and year first hereinabove written.

GRANTOR: Chamberlain Estates HOA

Jan Van Houten, President

STATE OF IDAHO)
) ss
County of Ada)

This record was acknowledged before me on July 22, 2020 (date) by Jan Van Houten (name of individual), [*complete the following if signing in a representative capacity, or strike the following if signing in an individual capacity*] on behalf of Chamberlain Estates HOA (name of entity on behalf of whom record was executed), in the following representative capacity: President (type of authority such as officer or trustee)

(stamp)

RACHEL MYERS NOTARY PUBLIC Comm No. 58517 STATE OF IDAHO

Rachel Myers
Notary Signature
My Commission Expires: October 10, 2023

Item #4.

GRANTEE: CITY OF MERIDIAN

Robert E. Simison, Mayor

Attest by Chris Johnson, City Clerk

STATE OF IDAHO,)
: ss.
County of Ada)

This record was acknowledged before me on 8-18-2020 (date) by Robert E. Simison and Chris Johnson on behalf of the City of Meridian, in their capacities as Mayor and City Clerk, respectively.

CHARLENE WAY
COMMISSION # 67390
NOTARY PUBLIC
STATE OF IDAHO
MY COMMISSION EXPIRES 3/28/22

Charlene Way

Notary Signature
My Commission Expires: 3-28-2022

EXHIBIT A

Legal Description

Lot 5 of Block 8, and Lots 20 & 33 of Block 2, of the Chamberlain Estates Subdivision No. 2, Book 75, page 7619, Ada County Records.

BK 74 Pg 7619

PLAT SHOWING

CHAMBERLAIN ESTATES SUBDIVISION NO. 2

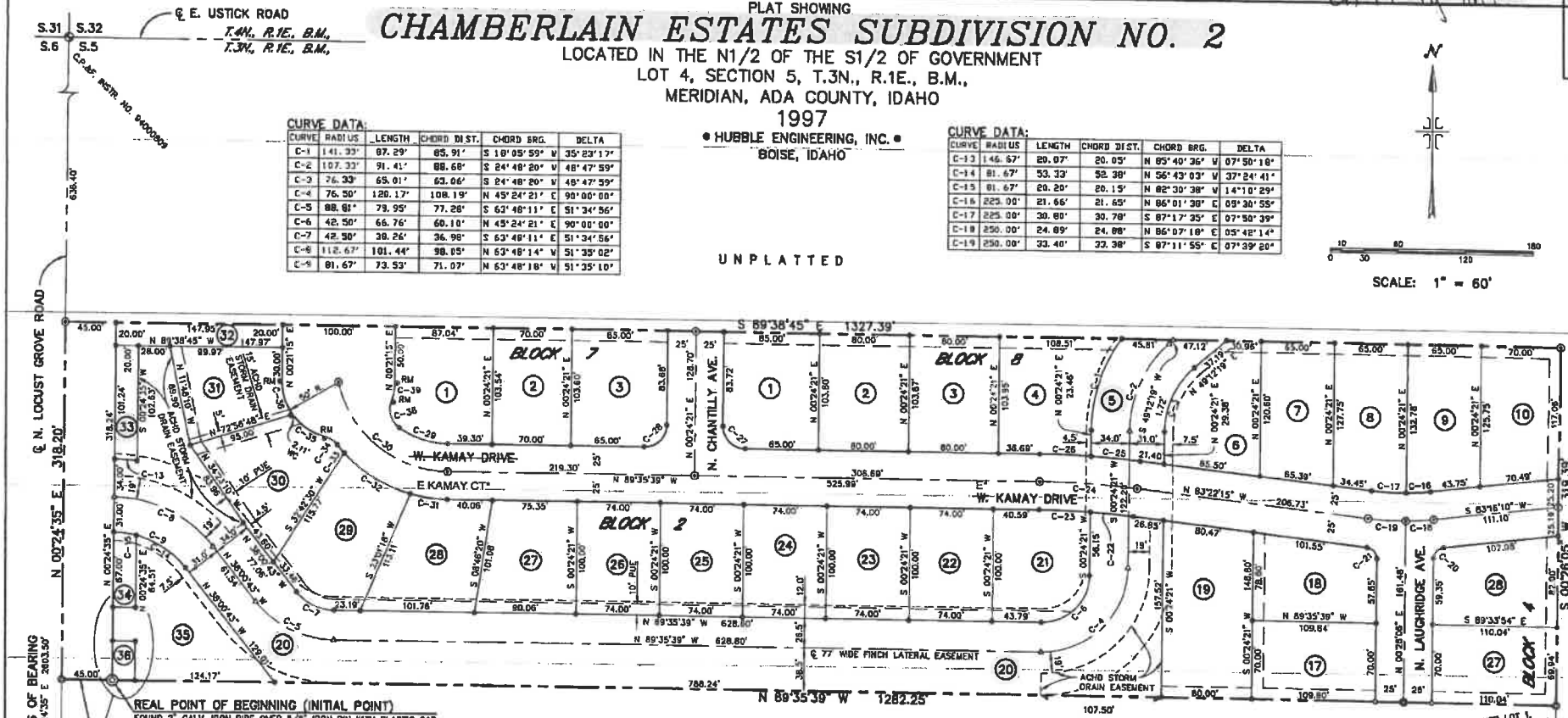
LOCATED IN THE N1/2 OF THE S1/2 OF GOVERNMENT
LOT 4, SECTION 5, T.3N., R.1E., B.M.,
MERIDIAN, ADA COUNTY, IDAHO

1997

• HUBBLE ENGINEERING, INC. •
BOISE, IDAHO

UNPLATTED

SCALE: 1" = 60'



CURVE DATA:

CURVE	RADIUS	LENGTH	CHORD DIST.	CHORD BRG.	DELTA
C-1	141.33'	87.29'	85.91'	S 18°05'59" W	35°23'17"
C-2	107.33'	91.41'	88.68'	S 24°48'20" W	48°47'59"
C-3	76.33'	65.01'	63.06'	S 24°48'20" W	48°47'59"
C-4	76.50'	120.17'	108.19'	N 45°24'21" E	90°00'00"
C-5	88.61'	79.95'	77.28'	S 63°48'11" E	51°34'56"
C-6	42.50'	66.76'	60.10'	N 45°24'21" E	90°00'00"
C-7	42.50'	38.26'	36.98'	S 63°48'11" E	51°34'56"
C-8	112.67'	101.44'	98.05'	N 63°48'14" W	51°35'02"
C-9	81.67'	73.53'	71.07'	N 63°48'18" W	51°35'10"

CURVE DATA:

CURVE	RADIUS	LENGTH	CHORD DIST.	CHORD BRG.	DELTA
C-13	146.67'	20.07'	20.05'	N 85°40'36" W	07°50'18"
C-14	81.67'	53.33'	52.38'	N 56°43'03" W	37°24'41"
C-15	81.67'	20.20'	20.15'	N 82°30'38" W	14°10'29"
C-16	225.00'	21.66'	21.65'	N 86°01'38" E	05°30'55"
C-17	225.00'	30.80'	30.78'	S 87°17'35" E	07°50'39"
C-18	250.00'	24.89'	24.88'	N 86°07'18" E	05°42'14"
C-19	250.00'	33.40'	33.38'	S 87°11'55" E	07°39'20"

CHAMBERLAIN ESTATES SUBDIVISION

NOTES:

1) BUILDING SETBACKS SHALL CONFORM TO THE APPLICABLE ZONING REGULATIONS OF THE CITY OF MERIDIAN.
2) ALL LOT LINES COMMON TO A PUBLIC RIGHT-OF-WAY LINE HAVE A TEN (10) FOOT WIDE PERMANENT PUBLIC UTILITIES, DRAINAGE AND IRRIGATION EASEMENT.
3) THIS SUBDIVISION IS SUBJECT TO COMPLIANCE WITH THE IDAHO CODE SECTION 31-3805 CONCERNING IRRIGATION WATER.
4) ANY RESUBDIVISION OF THIS PLAT SHALL COMPLY WITH THE APPLICABLE ZONING REGULATIONS IN EFFECT AT THE TIME OF RESUBDIVISION, OR AS ALLOWED BY CONDITIONAL USE.
5) EACH SIDE OF INTERIOR LOT LINES HAVE A FIVE (5) FOOT PERMANENT PUBLIC UTILITIES, IRRIGATION, AND DRAINAGE EASEMENT, EXCEPT AS OTHERWISE DIMENSIONED.
6) ALL LOTS WITHIN THIS SUBDIVISION ARE SINGLE-FAMILY RESIDENTIAL LOTS, EXCEPT LOTS 20, 32, 33, 34 & 36, BLOCK 2, AND LOT 5, BLOCK 8. LOT 20, BLOCK 2 & LOT 5, BLOCK 8 CONTAIN EASEMENTS TO NAMPA MERIDIAN IRRIGATION DISTRICT FOR THE OPERATION AND MAINTAINENCE OF THE FINCH LATERAL AND WILL BE OWNED BY THE CHAMBERLAIN ESTATES HOMEOWNER'S ASSOCIATION. LOTS 32, 33, 34 & 36, BLOCK 2 ARE COMMON AREA LOTS OWNED AND MAINTAINED BY THE HOMEOWNER'S ASSOCIATION; LOT 32, BLOCK 2 ALSO HAS A BLANKET CITY OF MERIDIAN SANITARY SEWER EASEMENT. LOT 20 HAS A BLANKET EASEMENT TO ACHD FOR HEAVY MAINTENANCE OF STORM DRAINAGE FACILITIES.
7) MAINTENANCE OF ANY IRRIGATION OR DRAINAGE PIPE OR DITCH CROSSING A LOT IS THE RESPONSIBILITY OF THE LOT OWNER UNLESS SUCH RESPONSIBILITY IS ASSUMED BY AN IRRIGATION/DRAINAGE DISTRICT.
8) THE BOTTOM ELEVATION OF HOUSE FOOTINGS SHALL BE SET A MINIMUM OF 12 INCHES ABOVE THE HIGHEST KNOWN SEASONAL GROUND WATER ELEVATION.
9) DIRECT LOT ACCESS TO N. LOCUST GROVE ROAD IS PROHIBITED, EXCEPT FOR LOT 35, BLOCK 2.
10) ALL DWELLINGS SHALL BE A MINIMUM OF 1400 SQUARE FEET.
11) LOTS 4 AND 6, BLOCK 8; LOT 19, BLOCK 2; AND LOTS 21 THROUGH 30, INCLUSIVE, BLOCK 2 CONTAIN EASEMENTS TO NAMPA & MERIDIAN IRRIGATION DISTRICT FOR THE OPERATION AND MAINTENANCE OF THE FINCH LATERAL.
12) THIS PLAT IS SUBJECT TO A DEVELOPMENT AGREEMENT AS FILED IN THE OFFICE OF THE ADA COUNTY RECORDER AS INSTRUMENT NO. 97047213.

* MAP DETAIL AND STREET NAME CORRECTIONS PER AFFIDAVIT INST. # 97048922

LEGEND

- FOUND BRASS CAP
- SET 5/8" X 30" IRON PIN WITH PLASTIC CAP, PLS 4431
- SET 1/2" X 24" IRON PIN WITH PLASTIC CAP, PLS 4431
- FOUND 5/8" IRON PIN, PLS 4431
- FOUND 1/2" IRON PIN, PLS 4431
- CALCULATED POINT, NOT SET
- PROPERTY BOUNDARY
- PUBLIC UTILITIES, DRAINAGE AND IRRIGATION EASEMENT (PUE) 10' FROM PROPERTY LINE AND/OR LOT LINE
- OPERATIONS & MAINTENANCE EASEMENT FOR THE FINCH LATERAL/OR AS SHOWN
- CENTERLINE
- LOT LINE
- WC RM WITNESS CORNER OR REFERENCE MONUMENT 2.00' OFFSET TO LOT CORNER UNLESS DIMENSIONED OTHERWISE. ALL RM'S AT POINTS OF REVERSE CURVE ARE RADIAL TO LOT CORNER
- (14) LOT NUMBER
- ACHD ADA COUNTY HIGHWAY DISTRICT

CURVE DATA:

CURVE	RADIUS	LENGTH	CHORD DIST.	CHORD BRG.	DELTA
C-20	10.00'	14.46'	13.23'	S 41°51'08" W	82°50'05"
C-21	10.00'	14.63'	13.36'	N 41°28'05" W	83°46'21"
C-22	775.00'	38.45'	38.44'	N 84°47'32" W	02°50'32"
C-23	775.00'	45.73'	45.72'	N 87°54'13" W	03°22'51"
C-24	800.00'	86.89'	86.85'	N 86°28'57" W	06°13'24"
C-25	825.00'	43.88'	43.87'	N 84°53'41" W	03°02'51"
C-26	825.00'	45.73'	45.72'	N 88°01'23" W	03°10'33"
C-27	20.00'	31.42'	28.28'	S 44°35'39" E	90°00'00"
C-28	20.00'	31.42'	28.28'	N 45°24'21" E	90°00'00"
C-29	75.07'	46.07'	45.35'	S 72°0'48" E	35°09'42"
C-30	100.07'	135.36'	125.28'	S 50°50'33" E	77°30'11"
C-31	125.07'	33.31'	33.21'	S 81°57'54" E	15°15'31"
C-32	125.07'	69.82'	68.92'	S 59°28'34" E	31°59'08"
C-33	125.07'	9.92'	9.92'	S 40°04'38" E	04°32'45"
C-34	20.00'	13.38'	13.13'	N 56°58'15" W	38°20'00"
C-35	50.00'	35.24'	34.52'	S 53°56'39" E	40°23'13"
C-36	50.00'	31.51'	30.99'	N 17°41'54" W	36°06'17"
C-37		--- NO		---DATA---	
C-38	20.00'	25.95'	24.17'	S 17°15'47" E	74°20'29"
C-39	50.00'	17.06'	16.98'	N 10°07'49" E	19°33'08"

PROFESSIONAL LAND SURVEYOR REGISTERED 4431 6-16-97 STATE OF IDAHO D. TERRY PEVON

DEVELOPER:
KEVIN HOWELL CONSTRUCTION
BOISE, IDAHO
93-163-01

EXHIBIT B
Easement Depiction

SHEET 1 OF 2

F:\HOWELL\CHAMBER\CHEST2\CE2PLAT 6-16-97 2:31:01 pm

SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS

MERIDIAN PARKS AND RECREATION

MERIDIAN, IDAHO

ECI PROJECT NO. IDB2036

LEGEND

FOUND BRASS/ALUMINUM CAP
5/8" IRON PIN WITH PLASTIC CAP
CALCULATED POINT
FOUND 5/8" IRON PIN WITH PLASTIC CAP
FOUND 1/2" IRON PIN WITH PLASTIC CAP
SET 1/2" IRON PIN WITH PLASTIC CAP
EXISTING SEWER
EXISTING WATER
EXISTING CABLE
EXISTING CENTERLINE
EXISTING DITCH
EXISTING EDGE OF GRAVEL
EXISTING EDGE OF PAVEMENT
EXISTING FENCE
EXISTING FIBER OPTICS
EXISTING GAS
EXISTING GRAVITY IRRIGATION
EXISTING JOINT TRENCH
EXISTING OVERHEAD POWER
EXISTING PRESSURE IRRIGATION
EXISTING STORM
EXISTING TELEPHONE
EXISTING TELEPHONE & FIBER
EXISTING TOE OF SLOPE
EXISTING TOP OF BANK
EXISTING UNDERGROUND POWER
PROPOSED SEWER
PROPOSED 8" SEWER
PROPOSED 6" SEWER
PROPOSED 4" SEWER
PROPOSED WATER
PROPOSED 1" WATER
PROPOSED 1.5" WATER
PROPOSED 2" WATER
PROPOSED 6" WATER
PROPOSED 8" WATER
PROPOSED 10" WATER
PROPOSED 12" WATER
PROPOSED STORM DRAIN
PROPOSED PRESSURE IRRIGATION
PROPOSED GRAVITY IRRIGATION
PROPOSED EDGE OF PAVEMENT
PROPOSED EDGE OF GRAVEL
PROPOSED SAWCUT
PROPOSED DITCH CENTERLINE
PROPOSED TOP OF BANK
PROPOSED TOE OF SLOPE
PUID EASEMENT
PROPOSED GRADE BREAK
PROPERTY LINE
SIGNAL JUNCTION BOX
SIGNAL
BENCHMARK

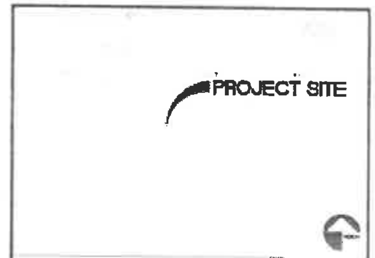
TBC	TOP BACK OF CURB
TBC.R	TOP BACK OF REVERSE CURB
TVC	TOP BACK OF VERT. CURB W/O GUTTER
TOC	TOP OF CURB
WALK	TOP OF WALK
CONC	CONCRETE SPOT ELEVATION
LIP	LIP OF GUTTER
FL	FLOW LINE
AC	ASPHALT
EP	EDGE OF PAVEMENT
EG	EDGE OF GRAVEL
CL	CENTERLINE
BOW	BACK OF WALK
FG	FINISHED GRADE
GND	GROUND
CMP	CONCRETE PIPE
RCP	CORRUGATED METAL PIPE
PVC	PVC PIPE

EXISTING TREE
EXISTING LIGHT
EXISTING MAILBOX
EXISTING CONTOUR
PROPOSED CONTOUR
EXISTING SIGN
EXISTING MANHOLE
EXISTING INLET
EXISTING FIRE HYDRANT
PROPOSED FIRE HYDRANT
PROPOSED VALVE
PROPOSED METER
PROPOSED BLOW-OFF
WATER FITTINGS
PROPOSED SAND AND GREASE TRAP
CONCRETE CURB AND GUTTER
CONCRETE
IRRIGATION BOX
DIRECTION OF DOWNWARD SLOPE
DIRECTIONAL STRIPING
CABLE RISER
POWER/ELECTRICAL
TELEPHONE RISER
POWER/TELEPHONE POLE
CLEANOUT
KEYED NOTE

PROJECT CONTACTS

OWNER	CITY OF MERIDIAN PARKS DEPT. PROJECT MANAGER - MIKE BARTON 33 E. BROADWAY AVE. MERIDIAN, ID 83646 TELE: (208) 888-3579 MBARTON@MERIDIANCITY.ORG
LANDSCAPE ARCHITECT	JENSEN BELTS ASSOCIATES PROJECT MANAGER - BRUCE TAYLOR 1509 S. TYRELL ST. STE 130 BOISE, IDAHO 83706 TELE: (208) 343-7175 BRUCE@JENSENBELTS.COM
CIVIL ENGINEER	ERICKSON CIVIL, INC. PROJECT MANAGER - ROSS ERICKSON P.E. 6213 N. CLOVERDALE ROAD SUITE 125 BOISE, IDAHO 83712 TELE: (208) 846-8956 CELL: (208) 867-3954 ROSS@ERICKSONCIVIL.COM
PROFESSIONAL LAND SURVEYOR	IDAHO SURVEY GROUP PROJECT MANAGER - JOHN GLETNE P.L.S. 9955 W. EMERALD ST. BOISE, ID 83704 TELE: (208) 846-8570 JGLETNE@IDAHOSURVEY.COM
IRRIGATION	NAMPA MERIDIAN IRRIGATION DISTRICT GREG CURTIS 5525 E. GREENHURST ROAD NAMPA, IDAHO 83686 TELE: (208) 466-0663
CITY OF MERIDIAN	BUILDING DEPARTMENT 33 E. BROADWAY AVE. MERIDIAN, ID 83642 TELE: (208) 887-2211
ESCP PREPARER	J.E.C., LLC C/O JASON JONES 360 E. FRANKLIN RD. SUITE 307 MERIDIAN, ID 83642 TELE: (208) 340-2836

A GEOTECHNICAL INVESTIGATION WAS PERFORMED AS PART OF THE DESIGN OF THIS PROJECT BY MATERIALS TESTING & INSPECTION, INC. DATED MARCH 25TH, 2020. ALL CONDITIONS AND REQUIREMENTS CONTAINED THEREIN ARE HEREBY INCORPORATED IN TO THESE CONSTRUCTION PLANS AND CONTRACT FOR THE WORK BY REFERENCE. WHERE CONFLICTS EXIST BETWEEN THE GEOTECHNICAL INVESTIGATION AND THE PROJECT PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.



VICINITY MAP

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C.DT.2	DETAILS - 2
C.GI.1	GRAVITY IRRIGATION - LINE A (STA 1+00 TO 9+50)
C.GI.2	GRAVITY IRRIGATION - LINE A (STA 9+50 TO 13+06.63)
C.GI.3	GRAVITY IRRIGATION - IRRIGATION STRUCTURE CONTROL
C.GI.4	GRAVITY IRRIGATION - IRRIGATION BOX DETAILS
C.GI.5	GRAVITY IRRIGATION - IRRIGATION DETAILS
ESC.1	ESCP - COVER SHEET
ESC.2	ESCP - PLAN SHEET AREA A
ESC.3	ESCP - PLAN SHEET AREA B
ESC.4	ESCP - BMPS
L1.0	LANDSCAPE PLAN
L2.1	LANDSCAPE SPECIFICATIONS
L2.2	LANDSCAPE SPECIFICATIONS

DATUM + BENCHMARKS

CONTRACTOR SHALL CONFIRM NAVD 88 ELEVATIONS AND LOCATIONS FOR ALL PROJECT CONTROL POINTS PRIOR TO START OF CONSTRUCTION.

CP#1 TO BE ESTABLISHED IN FIELD BY SURVEYOR

APPROVED FOR CONSTRUCTION

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1585

CITY OF MERIDIAN

SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

COVER SHEET, LEGEND AND CONTACTS

IDB2036

C1.0

GENERAL NOTES

ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE ISPWC STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), THE CITY OF MERIDIAN SUPPLEMENTAL SPECIFICATIONS TO THE ISPWC (AND ANY AMENDMENTS), THE REQUIREMENTS OF THE ADA COUNTY HIGHWAY DISTRICT (ACHD), THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA), THE CURRENT EPA CONSTRUCTION GENERAL PERMIT (CGP), THE NAMPA MERIDIAN IRRIGATION DISTRICT (NMID) STANDARDS, THE EXECUTED NMID LICENSE AGREEMENT FOR THE WORK, AND THE UNITED STATES ARMY CORPS OF ENGINEERS (ACOE) 404 PERMIT FOR THE PROJECT. THE MORE STRINGENT OF ANY OF THESE STANDARDS SHALL BE THE CONTROLLING STANDARD OR SPECIFICATION.

THE CONTRACTOR SHALL HAVE A COPY OF THE LATEST CITY OF MERIDIAN STANDARD SPECIFICATIONS AND DRAWINGS ON SITE OR READILY ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION (AVAILABLE ON THE WEBSITE). FAILURE TO HAVE ACCESS TO A CURRENT COPY OF THE STANDARD SPECIFICATIONS ON SITE COULD BE GROUNDS FOR A STOP WORK ORDER UNTIL THIS SITUATION IS RESOLVED.

2. THE CONTRACTOR SHALL HAVE PLANS STAMPED "APPROVED FOR CONSTRUCTION" BY THE CITY OF MERIDIAN ON SITE AT ALL TIMES.
3. ALL CONTRACTORS, SUBCONTRACTORS AND UTILITY CONTRACTORS SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE PRIOR TO START OF WORK.
4. CONTRACTORS SHALL NOTIFY THE APPROPRIATE AGENCY WHEN MATERIALS ARE ON SITE OR IN THE WORKS READY FOR INSPECTION. NO WORK MAY BEGIN ON ANY PROJECT WITHOUT EXPIRATION FOUR (24) HOUR PRIOR NOTICE.
5. ALL MATERIAL PROVIDED FOR USE ON 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.
6. WORK SUBJECT TO APPROVAL BY ANY GOVERNMENTAL AGENCY MUST BE APPROVED PRIOR TO (A) WORK ALL NO TRENCH FILL FOR PIPE (B) PLACING OF AGGREGATE BASE; (C) PLACING OF CONCRETE; (D) PLACING OF ASPHALT PAVING.
7. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST NOTIFY THE APPLICABLE AGENCY APPROVAL IN WRITING PRIOR TO CONSTRUCTION.
8. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. NOT ALL UNDERGROUND UTILITIES ARE SHOWN. CONTRACTOR SHALL FIELD VERIFY AND COMPARE POSTING LOCATIONS, DEPTHS, SIZES, AND MATERIAL TYPES OF ALL EXISTING UTILITIES PRIOR TO START OF WORK. UNDERGROUND UTILITIES THAT ARE EITHER NOT SHOWN ON THE SITE MAP, NOT IN CORRECT LOCATION OR NOT ALL EXISTING ON THE PLAN, IN ADDITION TO VERIFICATION OF THE EXACT LOCATION, DEPTH, SIZE AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES, CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY, ENGINE (1-800-342-1851) AND ALL PRIVATE ADJACENT PROPERTY OWNERS. PRIOR TO CONSTRUCTION TO ENSURE THAT ALL PUBLIC AND PRIVATE UTILITIES ARE IDENTIFIED. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY HIS FAILURE TO EXACTLY IDENTIFY, LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

PUTTING UTILITIES TOGETHER

CONTRACTOR SHALL POTHOLE EXISTING UNDERGROUND UTILITIES AT ALL CROSSINGS & WHERE NEW FACILITIES CROSS EXISTING UNDERGROUND UTILITIES AND WHERE EXISTING UTILITIES RUN ADJACENT TO NEW FACILITIES WITHIN LESS THAN 10 FEET OF HORIZONTAL SEPARATION. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION, DEPTH, SIZE, AND MATERIAL OF THE EXISTING UTILITY AT THE CROSSING LOCATION, AND FOR MANDATORY UTILITIES WITHIN 18-FEET OF NEW FACILITIES. CONTRACTOR SHALL ASCERTAIN AND ADJACENT UNDERGROUND UTILITY CONDITIONS AND DETERMINE WHETHER ANY NEW FACILITY CONFLICTS EXIST WITH EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION AND ORDERING OF ANY CONSTRUCTION MATERIALS (PIPE, STRUCTURES, FITTINGS, ETC.). IF ANY UNFORESEEN IMMEDIATELY IF ANY CONFLICTS EXIST, OTHERWISE CONFLICTS ARE NOTED, CONTRACTOR SHALL PROVIDE EXISTING UTILITY INFORMATION TO THE CONSULTING ENGINEER. THE CONTRACTOR SHALL PROVIDE AUTHORITY ON THE BASIS ECONOMICAL, TIME, OR TECHNICAL REASONS ON THE PROJECT AND PIPE. CONTRACTOR SHALL COMPLETE POTHOLING WITH SUFFICIENT OF THE NEXT 10 FEET OF PIPE MATERIAL SO THAT ADEQUATE TIME IS ALLOWED FOR THE ENGINEER TO MAKE DESIGN ADJUSTMENTS, IF NEEDED. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.

9. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
11. ALL CONTRACTORS INVOLVED WITH THE PROJECT ROUNDABOUTS ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA.
12. CONTRACTOR SHALL REMAIN IN FULL COMPLIANCE WITH ALL APPLICABLE POLICIES, ORDINANCES OR OTHER REQUIREMENTS OF ALL AGENCIES, MUNICIPALITIES OR POLITICAL SUBDIVISIONS HAVING JURISDICTION.
13. CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY PIPE TRANSITION FITTINGS FOR PIPE SIZE AND MATERIAL CHANGES. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK. CONTRACTOR SHALL CONFIRM ALL EXISTING UTILITY SIZES AND TYPES AT POINT OF CONNECTION TO EXISTING UTILITIES PRIOR TO START OF WORK.
14. THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT AND WORK PERFORMED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE, OR AS OTHERWISE SPECIFIED BY THE ARCHITECTURAL PROJECT SPECIFICATIONS, OR AS REQUIRED BY A JURISDICTIONAL AGENCY.
15. ALL WORK PERFORMED IN THE PUBLIC RIGHT-OF-WAY REQUIRES THE CONTRACTOR TO OBTAIN A WORK PERMIT FROM THE ADA COUNTY HIGHWAY DISTRICT (ACHD) AND PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY. NO SEPARATE PAYMENT SHALL BE MADE.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND TRAFFIC CONTROL PLANS REQUIRED FOR ALL WORK ASSOCIATED WITH THE PROJECT. CONTRACTOR SHALL OBTAIN NECESSARY TRAFFIC CONTROL PLAN APPROVALS FROM THE APPROPRIATE JURISDICTIONAL AGENCIES AND PROVIDE A COPY OF SAID APPROVED PLAN TO ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE.
17. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DIMENSIONS ON THE SITE MAP AND PLANS. NOTIFY THE ENGINEER OF ANY DIMENSIONAL ERRORS, DIMENSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING WORK.
18. ALL LOGS, STUMPS, ROOTS, BRUSH, VEGETATION OR OTHER DEBRIS NOT SUITABLE FOR STRUCTURAL PURPOSES WHICH SHALL BE REMOVED FROM CONSTRUCTION AREAS THICKNESS OF TOPSOIL TO BE REMOVED MAY BE ADJUSTED BY THE OWNER'S GEOTECHNICAL INSPECTOR BASED ON ACTUAL FIELD CONDITIONS. ALL TOPSOIL FROM DISTURBED AREAS SHALL BE STOCKPILED ON SITE OR DISPOSED BY OWNER. ARCHITECT OR PROJECT ENGINEER. STOCKPILED MATERIALS THAT ARE NOT USED CONSTRUCTION SHALL BE HAULED OFF AND DISPOSED OF BY THE CONTRACTOR AT THEIR EXPENSE, AS DIRECTED BY OWNER OR ARCHITECT.
19. ALL AGGREGATE COURSES OR SURFACES SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 100 OF THE ISPWC.
20. EDGE FINISH TO BE CURBS SHALL BE PER PLANS. IN NO CASE SHALL ANY SLOPE BE STEEPER THAN 2:1 (HORIZONTAL:VERTICAL).
21. THE OWNER WILL EMPLOY AN INDEPENDENT MATERIALS TESTING AND INSPECTION AGENCY TO PERFORM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE ALL NECESSARY TESTING AND INSPECTIONS. ALL TEST RESULTS SHALL BE PROVIDED TO THE CONTRACTOR, OWNER, ARCHITECT AND PROJECT ENGINEER FOR REVIEW IN A TIMELY FASHION PRIOR TO DELIVERY OF TESTED WORK. REINSPECTION/RETESTING OF NONCONFORMING WORK SHALL BE PROVIDED BY CONTRACTOR AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE AND RECEIVE APPROVAL FROM OWNER'S GEOTECHNICAL REPRESENTATIVE FOR ALL PROCEDURES, PLACEMENT OF ALL AGGREGATE COURSES AND PAVEMENTS PRIOR TO PROCEEDING IN THE SUBSEQUENT WORK.
22. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION STAKING AND AS-BUILT SURVEYING.
23. CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT PLANS THROUGHOUT THE DURATION OF CONSTRUCTION. NOTE ALL EXISTING AND NEW INFRASTRUCTURE HORIZONTAL AND VERTICAL LOCATIONS, TYPE, DEPTH, MATERIAL, AND SIZE AND PROVIDE THE AS-BUILT TO ENGINEER FOR RECORD DRAWING PREPARATION. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
24. REMOVE AND PROTECT ALL TREES, SHRUBS, AND UTILITIES UNLESS OTHERWISE NOTED.
25. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AT CONTRACTOR'S EXPENSE.
26. CONTRACTOR SHALL PROVIDE ALL SURFACE RESTORATION, INCLUDING BUT NOT LIMITED TO HARD SURFACES, LANDSCAPE, AND IRRIGATION REPAIR FOR WORK TO BE CONSTRUCTED IN EXISTING IMPROVED AREAS.
27. CONTRACTOR SHALL RESET ANY EXISTING SURVEY MONUMENTATION INCLUDED BUT NOT LIMITED TO PROPERTY PINS, BRASS CAPS, OR TURNED AS RESULT OF CONSTRUCTION.
28. CONTRACTOR SHALL PROVIDE PRODUCT AND MATERIAL SUBMITTALS TO ENGINEER FOR REVIEW. SUBMITTAL PACKAGES SHALL INCLUDE, BUT ARE NOT LIMITED TO: STRUCTURAL, FILL MATERIALS, AGGREGATE BASE MATERIALS, PIPE, BIRM, CONCRETE MIX DESIGN, ASPHALT PAVEMENT AND DESIGN PATCHES, BRASSIE, AND STRIPING

GRADING NOTES

1. ALL EARTHWORK INCLUDES CLEARING, GRUBBING, EXCAVATION, EMBANKMENT, BACKFILL, DRAINAGE, AND EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, SECTION 200 OF THE CURRENT EDITION OF THE ISPWC, AND THE SPECIFICATIONS AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. THE MORE STRINGENT OF ANY OF THESE CONTRACTORS SHALL BE THE CONTROLLING STANDARDS OR SPECIFICATIONS.
2. CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT FROM THE OWNER PRIOR TO BID.
3. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA. TEMPORARY AND/OR PERMANENT DRAINAGE IMPROVEMENTS ARE REPLACE AS FUNCTIONING.
4. IF REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A SHORT TERM ACTIVITY EXEMPTION PERMIT FROM THE BOISE DIVISION OF ENVIRONMENTAL QUALITY (DEQ). CONTACT DEQ BEFORE BEGINNING AT THE SOUTHWEST REGIONAL DEQ OFFICE (208 373-0550). CONTRACTOR SHALL SUBMIT TO DEQ A DEWATERING PLAN THAT OUTLINES THE LOCATION OF PROPOSED DEPTH AND THE BEGINNING OF THE DEWATERING ACTIVITIES. ALL CONSTRUCTION WATER GENERATED FROM EXCAVATION SHALL FIRST OF SEDIMENT AND DEBRIS BEFORE IT LEAVES THE SITE.
5. PRIOR TO PLACEMENT OF ANY FILL MATERIAL, THE CONTRACTOR SHALL CLEAR THE SITE OF ALL WASTE MATERIALS AND VEGETATION AND PREPARE THE SUBGRADE AS RECOMMENDED BY THE PROJECT GEOTECHNICAL REPORT, AND EXCEPTION PROVIDED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE. ALL WASTE MATERIAL SHALL BE REMOVED FROM THE SITE AND BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. THE SITE SHALL BE PROOF-ROLLED TO DENSITY REQUIREMENTS AS REQUIRED BY THE PROJECT GEOTECHNICAL REPORT. PROOF-ROLLING SHALL OCCUR UNDER THE DIRECTION OF THE OWNER'S GEOTECHNICAL REPRESENTATIVE.
6. NO WORK SHALL BE PERFORMED WITHIN JURISDICTIONAL WETLAND AREAS UNTIL A SECTION 404 PERMIT HAS BEEN ISSUED BY THE US ARMY CORP OF ENGINEERS. ALL WORK WITHIN WETLAND AREAS SHOWN HERE TO BE REQUIREMENTS OF SAID 404 PERMIT.
7. TIES AND SHALL BE PERFORMED FOR THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT AND RECOMMENDATIONS PROVIDED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE. CONTRACTOR SHALL COORDINATE ALL REPORT WITH OWNER'S GEOTECHNICAL REPRESENTATIVE.
8. STRUCTURAL FILL IS REQUIRED BY THE GEOTECHNICAL REPORT, OR GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
9. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHICH TREES WITHIN THE PROJECT LIMIT OR TO REMAIN, AND WHICH TREES ARE TO BE REMOVED.
10. TOPSOIL AND OTHER STOCKPILE AREAS TO BE COORDINATED BETWEEN CONTRACTOR AND OWNER BEFORE THE START OF CONSTRUCTION.
11. NO GRADING WORK SHALL OCCUR UNTIL THE OWNER HAS FIELD A NOTICE OF INTENT FOR CONSTRUCTION ACTIVITY WITH THE EPA.
12. ALL EXISTING PAVEMENTS ON OR FUR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES, OR AS NOT NORTH MERIDIAN WHICHEVER IS MORE RESTRICTIVE. CONTRACTORS MUST FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE REQUIREMENTS AT THE REQUEST OF AGENCY AND/OR THE ENGINEER.
13. CONTRACTOR SHALL HAUL FILL AND DISPOSE OF ALL EXCESS FILL MATERIAL. NO SEPARATE PAYMENT SHALL BE MADE.

ACHD STANDARD NOTES

1. ALL CONSTRUCTION WITHIN THE EXISTING OR FUTURE PUBLIC RIGHT OF WAY SHALL CONFORM TO THE CURRENT EDITION OF THE ISPWC AND ACHD SUPPLEMENTAL SPECIFICATIONS, AND EXCEPTIONS TO DISTRICT POLICY, STANDARDS, AND WRITTEN PRIOR WILL BE ALLOWED UNLESS SPECIFICALLY AND PREVIOUSLY APPROVED IN WRITING BY THE DISTRICT.
2. ADA COUNTY HIGHWAY DISTRICT WILL INSPECT ALL WORK WITHIN THE RIGHT-OF-WAYS.
3. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLANS TO THE ADA COUNTY HIGHWAY DISTRICT AND TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCING WORK WITHIN THE RIGHT OF WAY.
4. RETAIN AND PROTECT ALL TREES, SHRUBS, AND UTILITIES UNLESS OTHERWISE NOTED.
5. TEMPORARY EROSION PROTECTION OF THE WATERS EXISTING WATER QUALITY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COMPLY WITH LAWS AND REGULATIONS RELATED TO STORM WATER DISCHARGES AND SEDIMENT AND EROSION CONTROL. CONTRACTOR SHALL PROVIDE REASONABLY ADEQUATE EROSION CONTROL PLAN (EPCP) TO ACHD IN ACCORDANCE WITH ACHD STANDARDS.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AT CONTRACTOR'S EXPENSE WITH NO ADDITIONAL PAYMENT FROM OWNER.
7. ALL PEDESTRIAN RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA STANDARDS. SIDEWALK AND PEDESTRIAN RAMP CROSS SLOPES SHALL NOT EXCEED 1:50%. PEDESTRIAN RAMP LONGITUDINAL SLOPES SHALL HAVE A MAXIMUM SLOPE OF 12:1. THESE ARE NO TOLERANCES TO THESE REQUIREMENTS. IMPROPERLY INSTALLED RAMPS AND SIDEWALKS THAT HAVE CROSS SLOPES IN EXCESS OF 1:50 SHALL BE REMOVED AND REPLACED WITH NO SEPARATE PAYMENT. NEW PEDESTRIAN RAMPS THAT HAVE LONGITUDINAL SLOPES GREATER THAN 12:1 OR SHALL BE REMOVED AND REPLACED WITH NO SEPARATE PAYMENT.
8. ALL PEDESTRIAN RAMPS LOCATED WITHIN THE PUBLIC RIGHTS-OF-WAY SHALL HAVE TRUNCATED DOMES PER ISPWC STANDARD DRAWING SD-717. DOMES SHALL BE CAST IN PLACE CONCRETE OR ADA COMPLIANT PAVERS. PRE-CAST DOMES ARE NOT ALLOWED AND SHALL BE COMPLETELY REMOVED.
9. ALL ROADWAY CONSTRUCTION SHALL MEET THE MINIMUM REQUIREMENTS OF ADA COUNTY HIGHWAY DISTRICT OR THE APPROVED CONSTRUCTION PLANS.
10. ADA COUNTY HIGHWAY DISTRICT WILL INSPECT ALL WORK WITHIN THE ADHD RIGHT-OF-WAYS. THE PROJECT OWNERS REPRESENTATIVE WILL INSPECT ALL IMPROVEMENTS TO ASSURE THE PUBLIC RIGHT-OF-WAY.
11. ACTUAL FIELD CONDITIONS DURING THE WORK MAY REQUIRE ADDITIONAL PAVEMENT REPAIR BEYOND THE LIMITS SHOWN ON THE PLANS. THE FOLLOWING CONDITIONS ARE BASED ON SECTION 4200 OF ACHD POLICY MANUAL.

   PARTIAL FIELD CONDITIONS DURING EMERGENCY MAY INCLUDE ADDITIONAL PAVEMENT REPAIR BEYOND THE LIMITS SHOWN ON THE PLAN. THE FOLLOWING CONDITIONS ARE LISTED IN SECTION 4200 OF THE ACHD POLICY MANUAL. ALL ASPHALT MATCHLINES FOR PAVEMENT REPAIR SHALL BE PARALLEL TO THE CENTERLINE OF THE STREET AND INCLUDE ANY AREA DAMAGED BY EQUIPMENT DURING TRENCHING OPERATIONS.

   A. ALL ASPHALT MATCHLINES FOR PAVEMENT REPAIR SHALL BE PARALLEL TO THE CENTERLINE OF THE STREET AND INCLUDE ANY AREA DAMAGED BY EQUIPMENT DURING TRENCHING OPERATIONS.
   B. IF THE CUMULATIVE DAMAGED PAVEMENT AREA EXCEEDS 50% OF THE TOTAL ROAD SURFACE, CONTRACTOR SHALL REPLACE THE ENTIRE ROADWAY SURFACE.
   C. CONTRACTOR SHALL REPLACE THE PAVEMENT SURFACE TO ENSURE MATCH LINE DOES NOT FALL WITHIN THE WHEEL PATH OF A LANE. MATCH LINE SHALL ONLY FALL IN THE CENTER OR EDGE OF A TRAVEL LANE.
   D. FLOWABLE FILL OR IMPORTED MATERIAL MAY BE REQUIRED IF THE NATIVE TRENCH MATERIAL IS DETERMINED UNSUITABLE BY ACHD INSPECTOR, DUE TO WET COMPACTION STANDARDS OR THAT IS CRITICAL FACTOR.
   E. ANY EXCEPTIONS TO THESE RULES SHALL BE PRE-APPROVED IN WRITING BY DISTRICT STAFF BEFORE CONSTRUCTION BEGINS.
   F. THE ASPHALT CUT LIMITS IS A 2' MINIMUM FOR PAVEMENT PATCHES (INCLUDING DRIVEWAY APPROACHES, AND UTILITY CUT STREET REPAIRS) AND MINIMUM 1' FOR SIDEWALK BE IN ACCORDANCE WITH THE ISPWC STANDARDS FOR STREET REPAIRS (SEE SD-701, SD-703, AND SD-705 (MINIMUM DRIVING SLOPE)

12. 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 PRELIMINARY PLAN APPROVAL. THE ENGINEER ACKNOWLEDGES THAT ACHD MAY REQUIRE REVISIONS OR ERRORS OR OMISSIONS IN THE DESIGN. ALL VARIANCES FROM POLICY SHALL BE APPROVED IN WRITING. THE FOLLOWING VARIANCES, LISTED BY DATE AND SHORT DESCRIPTION, WERE APPROVED FOR THE PROJECT: NONE.

ENVIRONMENTAL RESTRAINTS

1. POLLUTION: COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT. PROTECT AGAINST THE CONTAMINATION OF SOIL, WATER, OR AIR BY OIL, FUEL, PLUS SALT, CHEMICALS, GARBAGE, DEBRIS, OR OTHER WASTES AT ALL TIMES.
2. EQUIPMENT: EQUIPMENT IS TO BE SERVICED ONLY IN DESIGNATED AREAS. TAKE PRECAUTIONS TO PREVENT SPILLS OF OIL OR OTHER FLUIDS.
3. SANITARY: PROVIDE SANITARY FACILITIES FOR ALL WORKERS.
4. DUST CONTROL: HAVE AVAILABLE AT ALL TIMES ADEQUATE SPRINKLER EQUIPMENT TO WATER. NO EXTRA PAYMENT WILL BE MADE FOR SPRINKLING OPERATIONS. FAILURE TO CONTROL DUST MAY RESULT IN TEMPORARY SHUTDOWN OF THE PROJECT. PROVIDE ALL WATER NECESSARY FOR SPRINKLING OPERATIONS.
5. SITE PROTECTION: START WORK TO ONLY THOSE AREAS AS DEFINED ON THE PLANS AND ONLY AS REQUIRED. PROTECT EXISTING SITE AGAINST DAMAGE AND EROSION.
6. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE EROSION & SEDIMENT CONTROL PLAN PREPARED FOR THIS PROJECT.
7. THE CONTRACTOR IS RESPONSIBLE FOR ANY ALL STATE AND LOCAL PERMITTING AND COMPLIANCE WITH THE CURRENT EPA CONSTRUCTION GENERAL PERMIT COPY AS APPROPRIATE.
8. CONTRACTOR SHALL PREPARE AND SUBMIT (2) TWO COPIES OF THE COMPLETE PROJECT EROSION AND SEDIMENT CONTROL PLAN (EPCP) TO ACHD CONSTRUCTION SERVICES AT THE TIME THE RESPONSIBLE PERMIT APPLICATION IS SUBMITTED. ALLOW 15 HOURS FOR ACHD REVIEW AND APPROVAL.

GRAVITY IRRIGATION NOTES

1. THE CONTRACTOR SHALL MAKE APPROPRIATE PLANS ON SITE AT ALL TIMES. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE NAMPA MERIDIAN IRRIGATION DISTRICT (NMID) STANDARDS, THE EXECUTED NMID LICENSE AGREEMENT FOR THIS WORK, THE UNITED STATES ARMY CORPS OF ENGINEERS SECTION 404 PERMIT FOR THE PROJECT, AND THE CURRENT EPA CONSTRUCTION GENERAL PERMIT (CGP).
2. ANY CHANGE FROM THE PLANS SHALL BE APPROVED BY THE DESIGNER AND THE NAMPA MERIDIAN IRRIGATION DISTRICT.
3. CONCRETE IS PER CASE (SHALL BE CAVINGS) AS THAT THEY ARE FITTED WITH THE INTERIOR WALLS OF THE IRRIGATION BOXES AND FLOWLINES. ALL PIPE SHALL BE PROPERLY TO THE WORK. GROUT ALL PIPES AND POINT OF CONNECTION TO THE IRRIGATION STRUCTURES.
4. ALL GRAVITY IRRIGATION CONCRETE PIPE SHALL BE CLASS 3 RCP TRIPLE GASKET PIPE PER ASTM C76M
5. ALL IRRIGATION STRUCTURES SHALL BE CAST IN PLACE CONCRETE.
6. FINDER TAPE SHALL BE INSTALLED ON ALL IRRIGATION PIPES. TAPE SHALL BE SPIRAL, METALLIC RED IRON, OR WITH THE WORDS "DANGER-GROUND WATER" CLEARLY MARKED ALONG THE LENGTH OF THE PIPE. TAPE SHALL BE PLACED EITHER ABOVE BELOW THE GROUND SURFACE AND UP ABOVE THE TOP OF THE PIPE.
7. THE EXACT LOCATIONS AND DEPTHS OF EXISTING UTILITIES LOCATED WITHIN THE NEW PIPE CORRIDOR ARE UNKNOWN. CONTACT ENGINEER IMMEDIATELY IN EVENT THAT UNDERGROUND STRUCTURES ARE ENCOUNTERED THAT REQUIRE MODIFICATIONS TO ACCOMMODATE THE IRRIGATION PIPE OR STRUCTURE.
8. CONTRACTOR SHALL MAINTAIN THAT THE WELL BE WATER FLOWING INTO BOTH SOUTH SLOUGH AND THE IRRIGATION AND STORM DRAIN PIPE THAT DISCHARGE TO THE SOUTH SLOUGH DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND IMPLEMENTING A PLAN TO DEWATER/DRAIN PUMP WATER WITHIN THE WORK CORRIDOR AS REQUIRED TO COMPLETE CONSTRUCTION. ALL WORK, MATERIALS, EQUIPMENT, PUMPS, TEMPORARY MEASURES AND LABOR ASSOCIATED WITH DEWATERING/DRAINING AND ASSOCIATED WORK ARE INCIDENTAL TO THE WORK. CONTRACTOR SHALL ACQUIRE NECESSARY PERMITS/APPROVALS, INCLUDING OBTAINING AND IMPLEMENTING A SHORT TERM ACTIVITY EXEMPTION, AS REQUIRED TO COMPLETE THIS WORK. NO SEPARATE PAYMENT SHALL BE MADE.
9. ANNULAR FILLING IS NOT REQUIRED FOR 48" GRAVITY IRRIGATION PIPE AND ASSOCIATED STRUCTURES.
10. CONTRACTOR SHALL PROVIDE GRAVITY IRRIGATION SYSTEM AS-BUILT INFORMATION INCLUDING INVERT LOCATIONS, PIPE INVERTS, RIM ELEVATIONS, CONNECTION ELEVATIONS TO EXISTING PIPES, AND DIMENSIONS. AS-BUILT INFORMATION SHALL BE SURVEYED BY A THIRD PARTY SURVEYOR HIRED BY THE CONTRACTOR. AS-BUILT POINT DATA SHALL BE PROVIDED TO ENGINEER CIVIL, INC. IN AUTOCAD FORMAT ON THE SAME COORDINATE SYSTEM AND DATUM AS THE PROJECT FILES, AND ELEVATIONS PRESENT SHALL BE MADE FOR THIS WORK.
11. GRAVITY IRRIGATION CONSTRUCTION SHALL CONFORM TO THE SPECIFIC DETAILS AND REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS AND ISPWC STANDARD DRAWINGS: ALL WORK COMPLETED FOR THE NAMPA MERIDIAN TRANSITIONS SHALL BE IN ACCORDANCE WITH THE NAMPA MERIDIAN IRRIGATION DISTRICT REQUIREMENTS:
   a. TYPICAL TRENCH - PER ISPWC SD-301
   b. CLASS B PIPE BEDDING SYSTEM (3" MINUS UNWASHED AGGREGATE BASE MATERIAL PER ISPWC SECTION 801 - UNWASHED AGGREGATION - PER ISPWC SECTION 200 AND SD-302
   c. TYPE A TRENCH BACKFILL WITH 1" IN A-1 COMPACTION - PER ISPWC SECTION 200 AND SD-302. NOTE: TOPSOIL SHALL BE STRIPPED WITHIN THE WIDTH OF THE TRENCH AND NOT BE PLACED IN TRENCH BACKFILL.
   d. CAST IN PLACE CONCRETE IRRIGATION BOX - SEE SHEET C.1.4.
   e. CAST IN PLACE CONCRETE HEADWALL - SEE SHEET C.1.4.
   f. SEE DETAIL LIST.1.4 FOR ADDITIONAL REQUIREMENTS WITHIN THE PROJECT CORRIDOR.

APPROVED FOR CONSTRUCTION

Notify Any Impacted Irrigation Canal Companies

811 CONTACT DIGLINE 48-HOUR NOTICE REQUIRED 1-800-342-1585

CITY OF MERIDIAN

PROJECT NAME: SOUTH SLOUGH TRUNK AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

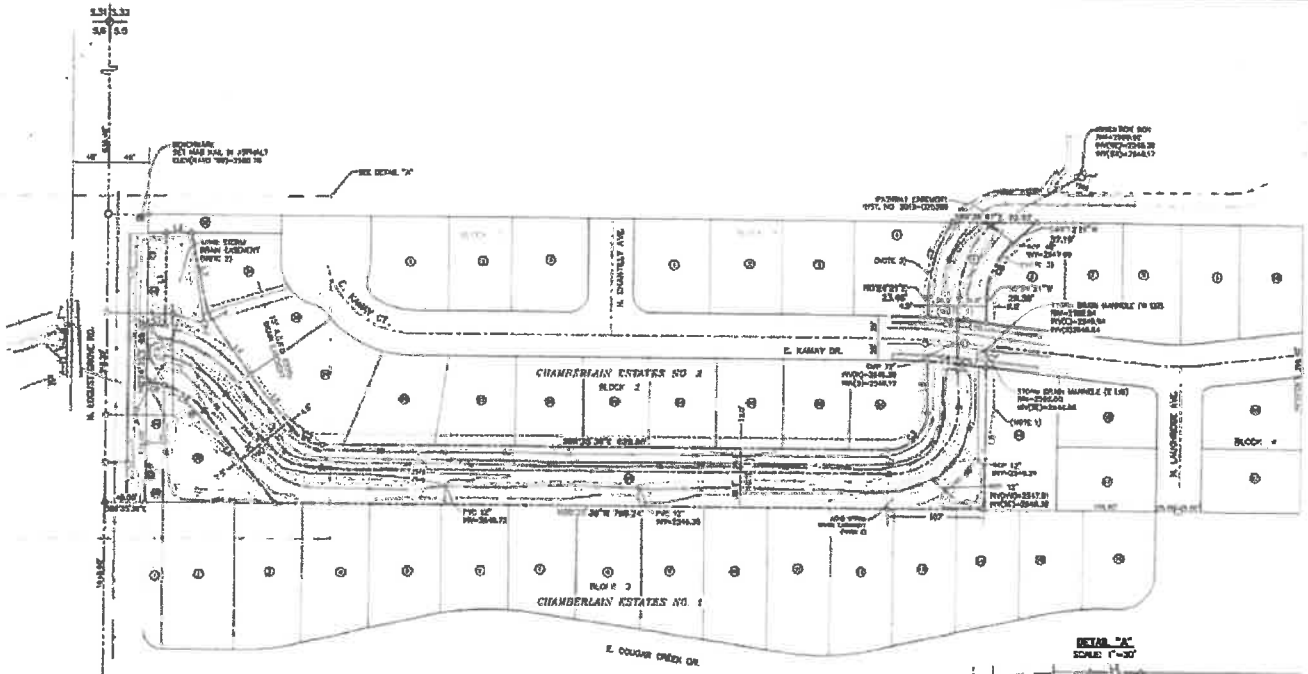
PROFESSIONAL ENGINEER

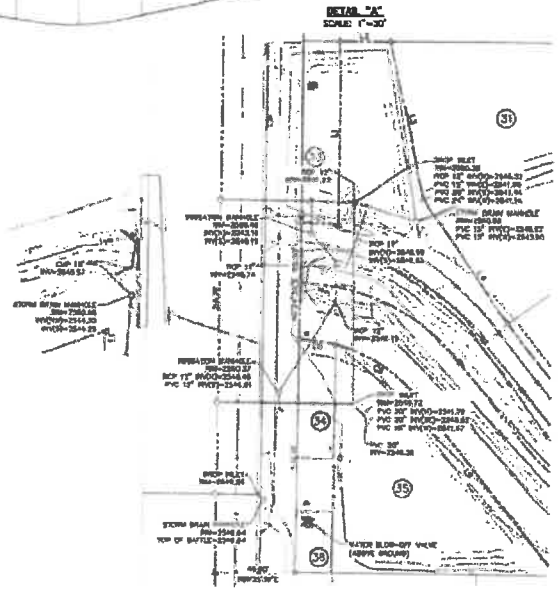
PROJECT NAME: NOTES

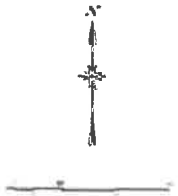
PROJECT NUMBER: IDB2036

SHEET NUMBER: C1.1

Exhibit B-1, page 2







SCALE: 1" = 60'

LEGEND

- FOUND 1/2" IRON PIN, PLS 4430, UNLESS OTHERWISE NOTED
- FOUND 5/8" IRON PIN, PLS 4430, UNLESS OTHERWISE NOTED
- FOUND BRASS CAP MONUMENT
- CALCULATED POINT
- GATED VALVE
- WATER METER
- WATER MANHOLE
- SAND AND GREASE TRAP
- DROP INLET
- TELEPHONE JUNCTION BOX
- CABLE TV BOX
- POWER POLE
- POWER VAULT
- IRRIGATION CONTROL VALVE BOX
- PRESSURE IRRIGATION VALVE
- IRRIGATION MANHOLE
- LOT NO.
- PROPERTY BOUNDARY LINE
- LOT LINE
- SECTION LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- EASEMENT LINE (SEE NOTES)
- PATHWAY EASEMENT LINE
- FENCE
- SANITARY SEWER LINE W/ MANHOLE
- STORM DRAIN LINE W/MANHOLE
- DOMESTIC WATER LINE
- OVERHEAD POWER LINE
- EDGE OF PAVEMENT
- EDGE OF GRAVEL ROAD
- TOP OF BANK
- SURFACE MPC
- CURB, GUTTER AND SIDEWALK
- CONCRETE

PROFESSIONAL LAND SURVEYOR 18611 STATE OF IDAHO

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BRG	CHORD DIST	DELTA
C1	140.67	26.07	[illegible]	[illegible]	[illegible]
C2	42.00	26.38	[illegible]	25.95	[illegible]
C3	43.50	[illegible]	[illegible]	[illegible]	[illegible]
C4	275.00	38.60	[illegible]	38.44	[illegible]
C5	61.67	65.30	[illegible]	[illegible]	[illegible]
C6	61.67	61.09	[illegible]	58.56	[illegible]
C7	141.33	[illegible]	[illegible]	55.77	[illegible]
C8	78.33	69.97	[illegible]	63.58	[illegible]
C9	630.00	41.65	[illegible]	41.65	[illegible]

LINE TABLE

LINE	LENGTH	BEARING
L1	100.00	N73°13'22"E
L2	30.00	S16°36'40"E
L3	30.00	N17°46'40"E
L4	83.00	S34°32'00"E
L5	17.00	S55°00'43"E
L6	84.10	N23°43'12"E
L7	16.00	N62°36'35"E
L8	107.00	N17°12'21"W
L9	109.01	N34°00'43"W
L10	24.40	N62°00'17"W

UTILITY SERVICES

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER BY DESIGN OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE ON THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

NOTES:

1. LOT 5, BLOCK 2, LOT 20, BLOCK 2 & LOT 3, BLOCK 3 CONTAIN EASEMENTS TO NAMPA MERIDIAN IRRIGATION DISTRICT FOR THE OPERATION AND MAINTENANCE OF THE FINCH LATERAL AND WILL BE OWNED BY THE CHAMBERLAIN ESTATES HOMEOWNER'S ASSOCIATION.
2. LOT 20 HAS A BLANKET EASEMENT TO ACHD FOR HEAVY MAINTENANCE OF STORM DRAINAGE ACTIVITIES.
3. LOTS 4 AND 5, BLOCK 2; LOT 14, BLOCK 3; AND LOTS 21 THROUGH 30, INCLUSIVE, BLOCK 2 CONTAIN EASEMENTS TO NAMPA & MERIDIAN IRRIGATION DISTRICT FOR THE OPERATION AND MAINTENANCE OF THE FINCH LATERAL.

THESE DRAWINGS, OR ANY PORTION THEREOF, SHALL NOT BE USED ON ANY PROJECT OR EXTENSIONS OF THIS PROJECT EXCEPT BY AGREEMENT IN WRITING WITH IDAHO SURVEY GROUP, INC.

C1.2 TOPOGRAPHIC SURVEY

IDAHO SURVEY GROUP, LLC
8955 W EMERALD ST
BOISE, IDAHO 83704
PH (208) 648-8570
FAX (208) 884-5399

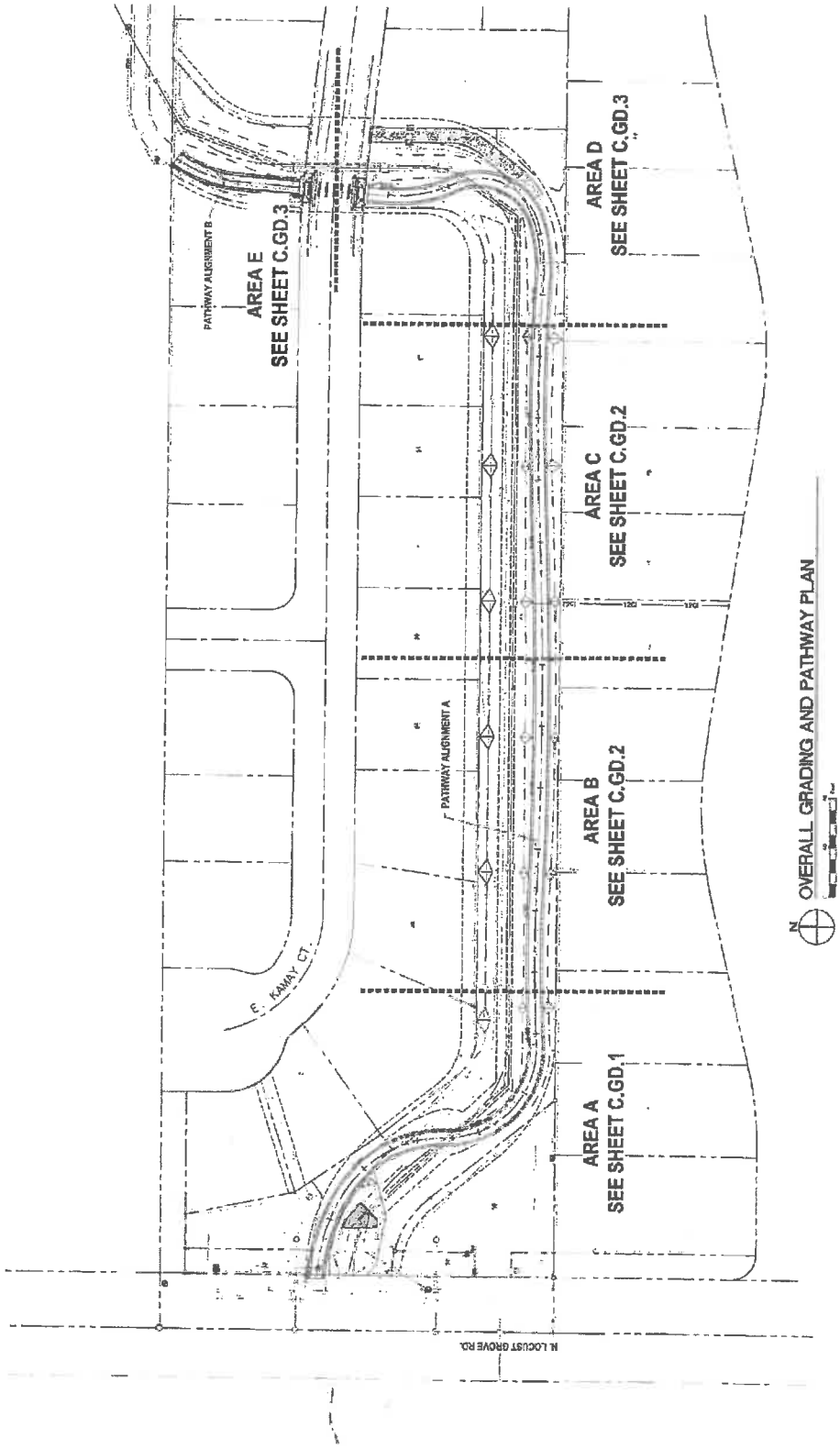
SOUTH SLOUGH PATHWAY

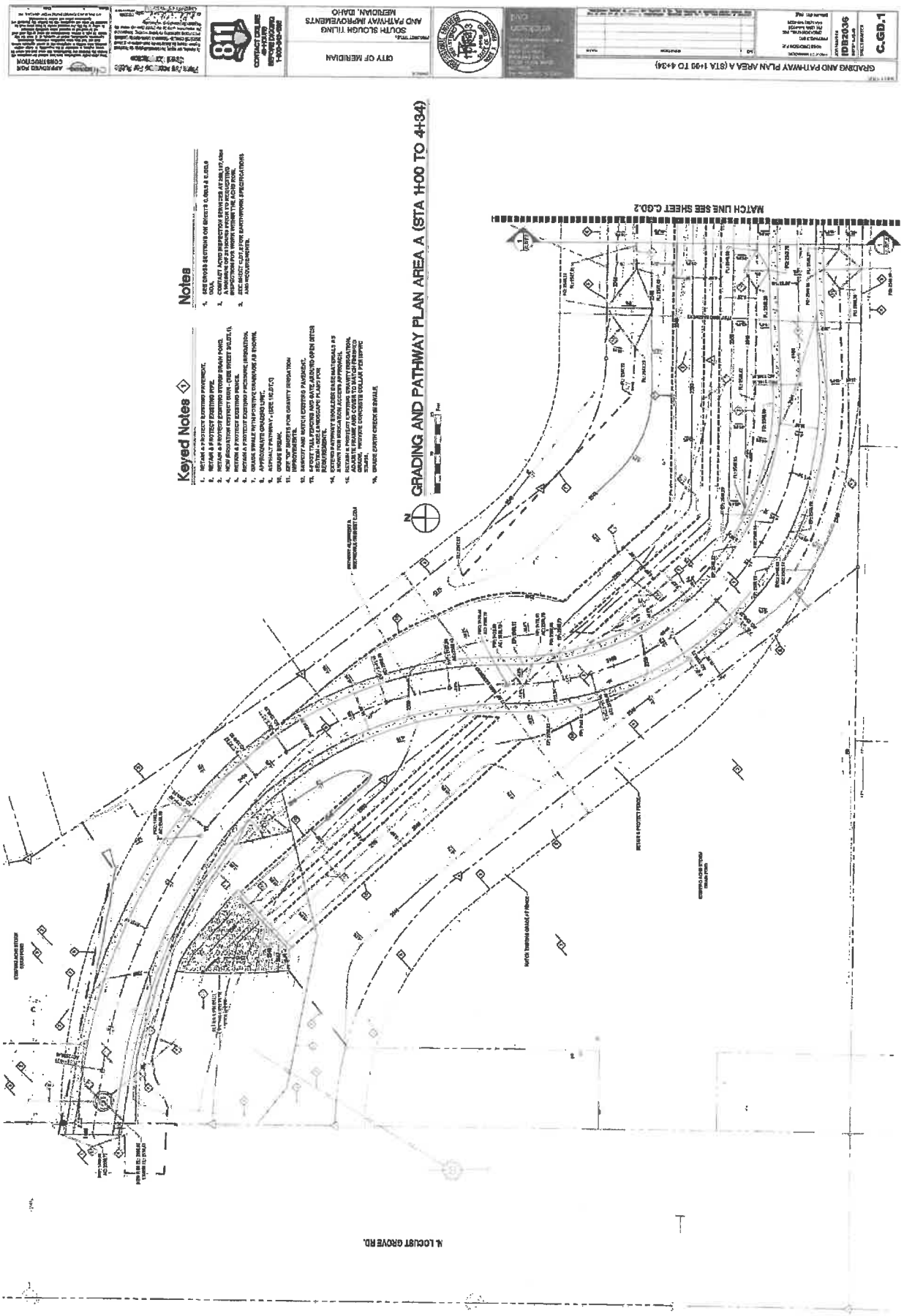
TOPOGRAPHIC SURVEY

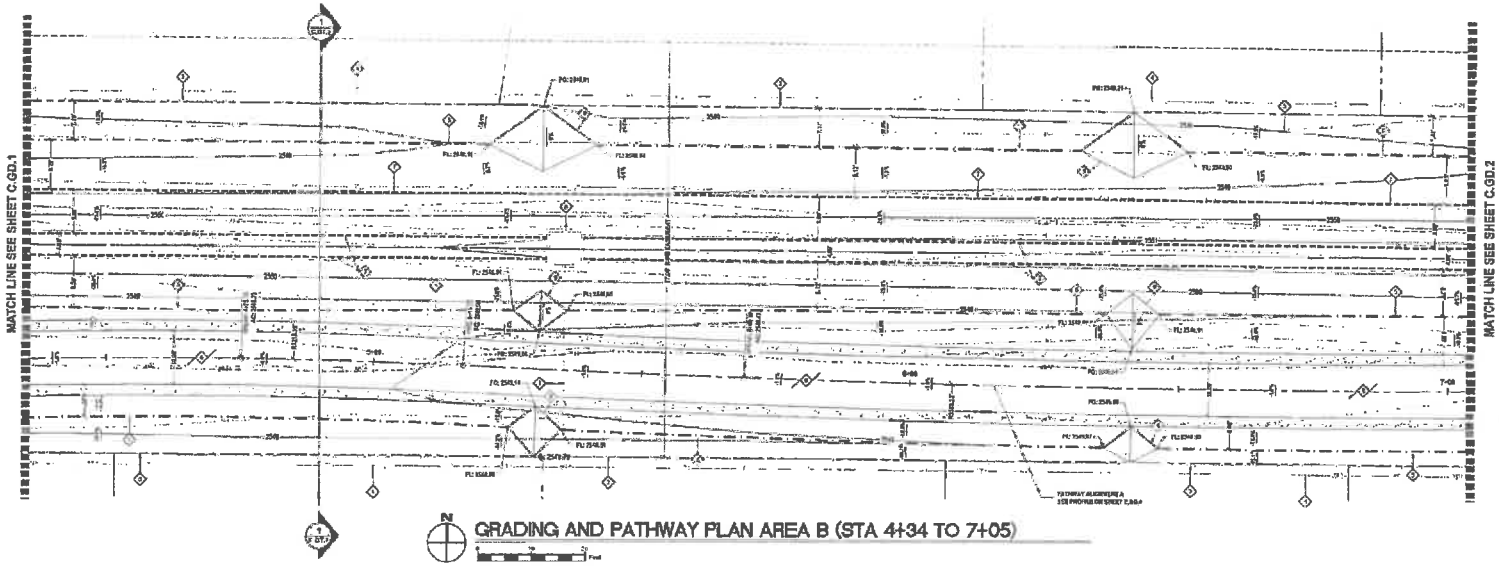
LOCATED IN GOVERNMENT LOT 4 OF SECTION 5, T.3N., R.1E., B.M., CITY OF MERIDIAN, ADA COUNTY, IDAHO

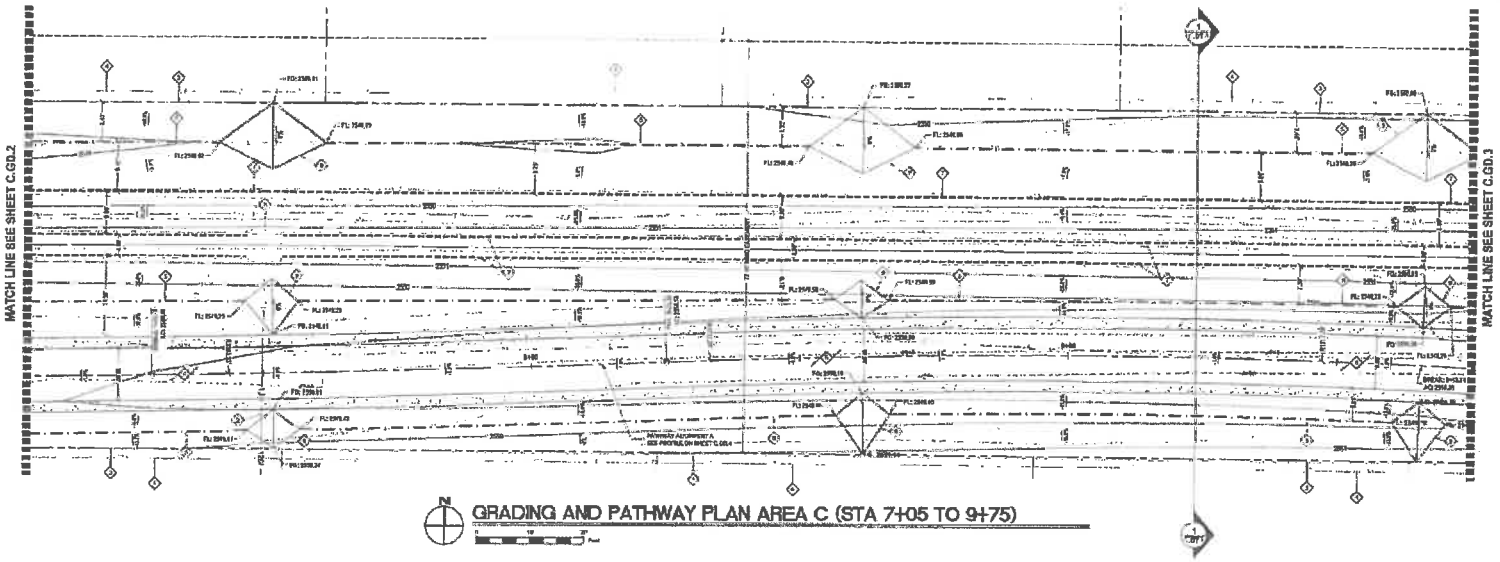
DRAWN: MRP	CHECKED: JSG	JOB NO.	SHEET NO.
DATE: 7/24/2020	DATE: 7/24/2020	20-087	1

OVERALL GRADING AND PATHWAY PLAN
C.GD.0
CITY OF MERIDIAN
SOUTH SLOUGH TRLWG
AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO


AREA A
SEE SHEET C.GD.1
AREA B
SEE SHEET C.GD.2
AREA C
SEE SHEET C.GD.2
AREA D
SEE SHEET C.GD.3
AREA E
SEE SHEET C.GD.3
PATHWAY ALIGNMENT A
PATHWAY ALIGNMENT B
E. KAMAY CT.
N. LOCUST GROVE RD.
OVERALL GRADING AND PATHWAY PLAN


GRADING AND PATHWAY PLAN AREA A (STA 1+00 TO 4+34)
C.GD.1
CITY OF MERIDIAN
SOUTH SLOUGH TRLNG AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO
Keyed Notes
Notes
MATCH LINE SEE SHEET C.GD.2
N. LOCUST GROVE RD.





Keyed Notes

1. RETAIN & PROTECT EXISTING STORM DRAIN PIPE.
2. RETAIN & PROTECT EXISTING GRAVITY IRRIGATION.
3. RETAIN & PROTECT EXISTING FENCE.
4. RETAIN & PROTECT EXISTING PRESSURE IRRIGATION.
5. GRADE SWALE WITH POSITIVE DRAINAGE AS SHOWN.
6. ASPHALT PATHWAY - (SEE DETAIL 10, C.DT.1)
7. GRADE BREAK.
8. SEE "IW" SHEETS FOR GRAVITY IRRIGATION IMPROVEMENTS.
9. GRADE EARTH CHECK IN SWALE.

Notes

1. SEE CROSS SECTIONS ON SHEETS C.GD.3 AND C.GD.4.
2. CONTACT ACHD INSPECTION SERVICES AT 208.387.6264 A MINIMUM OF 24 HOURS PRIOR TO REQUESTING INSPECTION FOR WORK WITHIN THE ACHD ROW.
3. SEE SHEET C.DT.2 FOR EARTHWORK SPECIFICATIONS AND REQUIREMENTS.

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1585

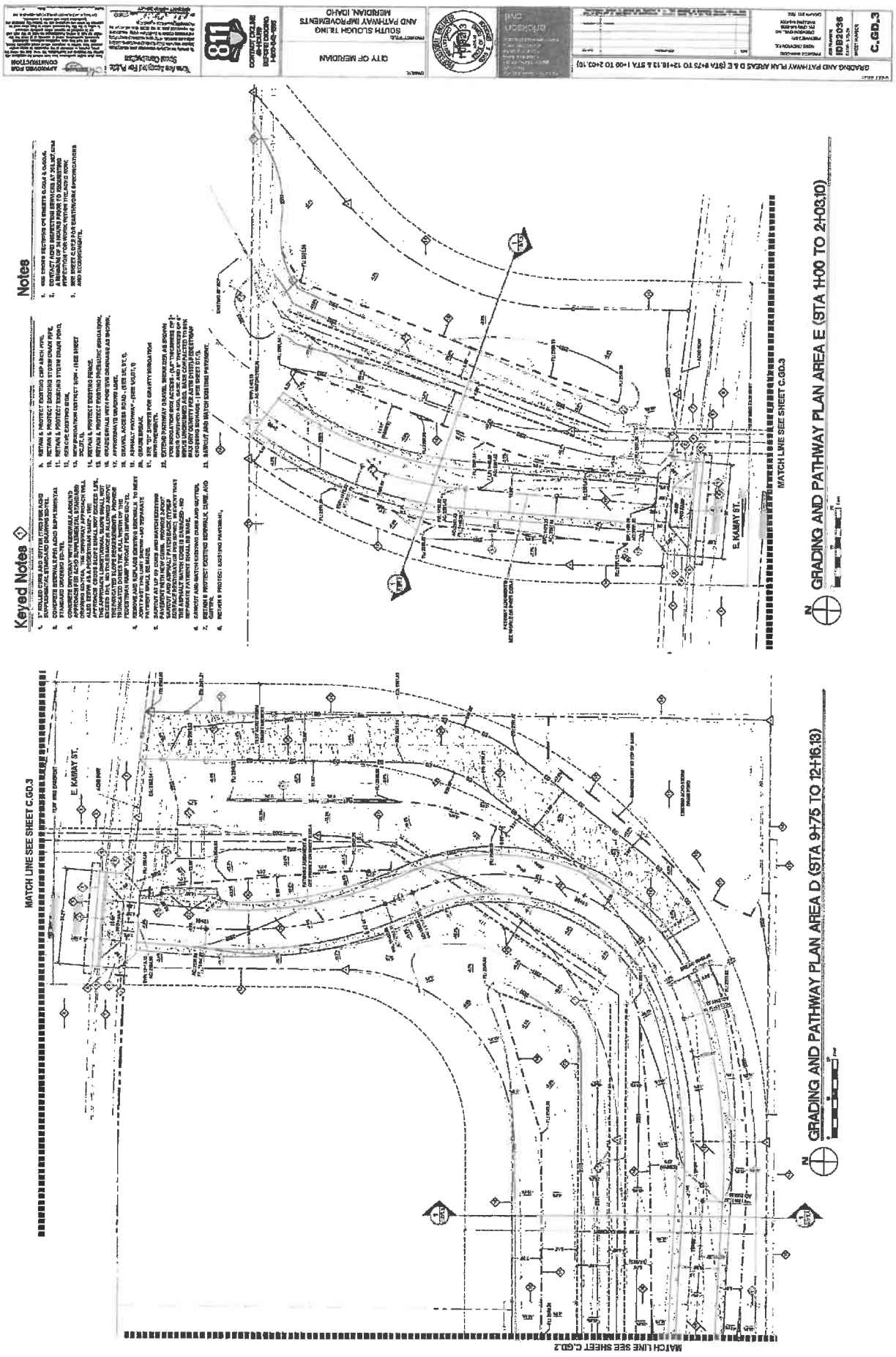
OWNER: CITY OF MERIDIAN

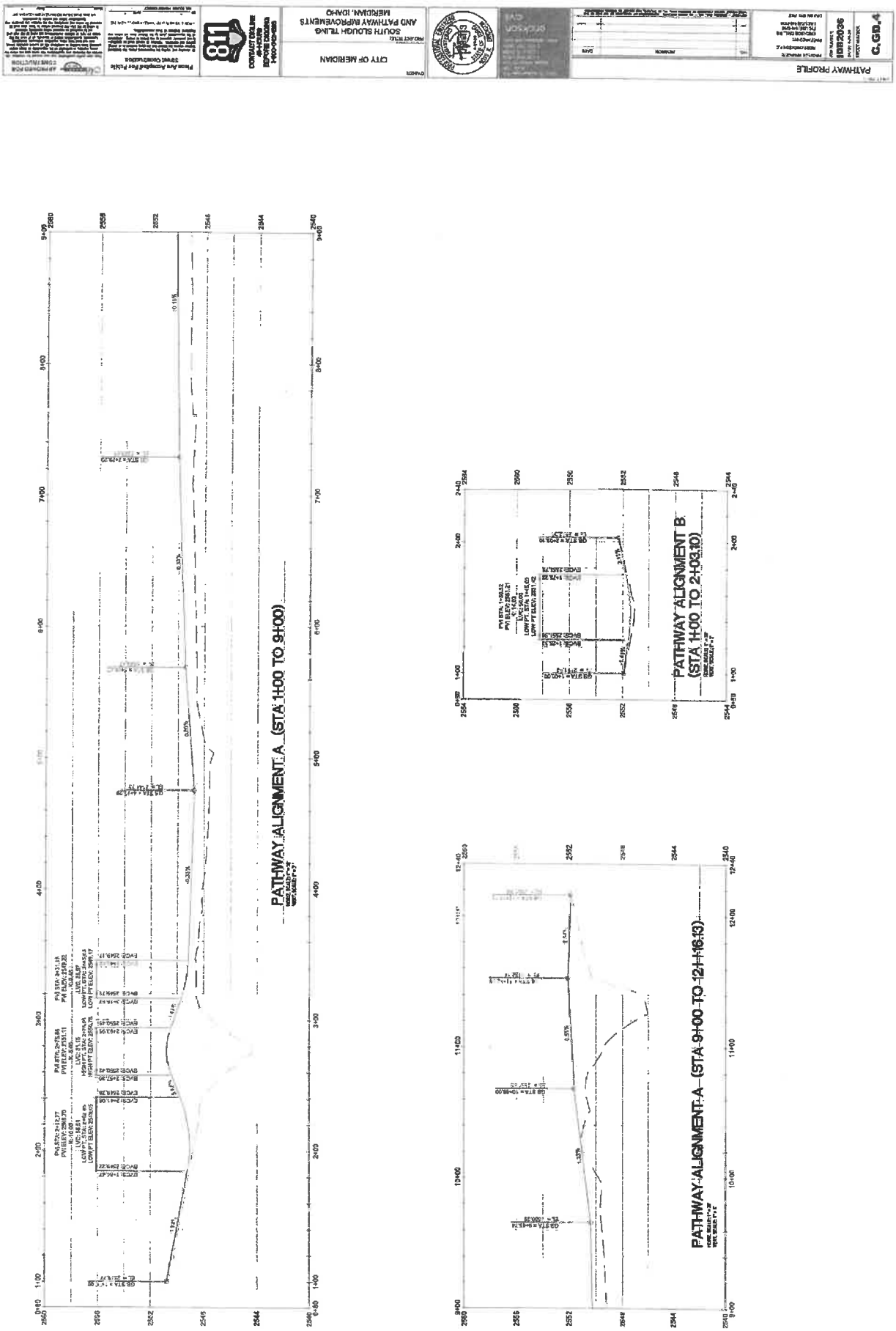
PROJECT TITLE: SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

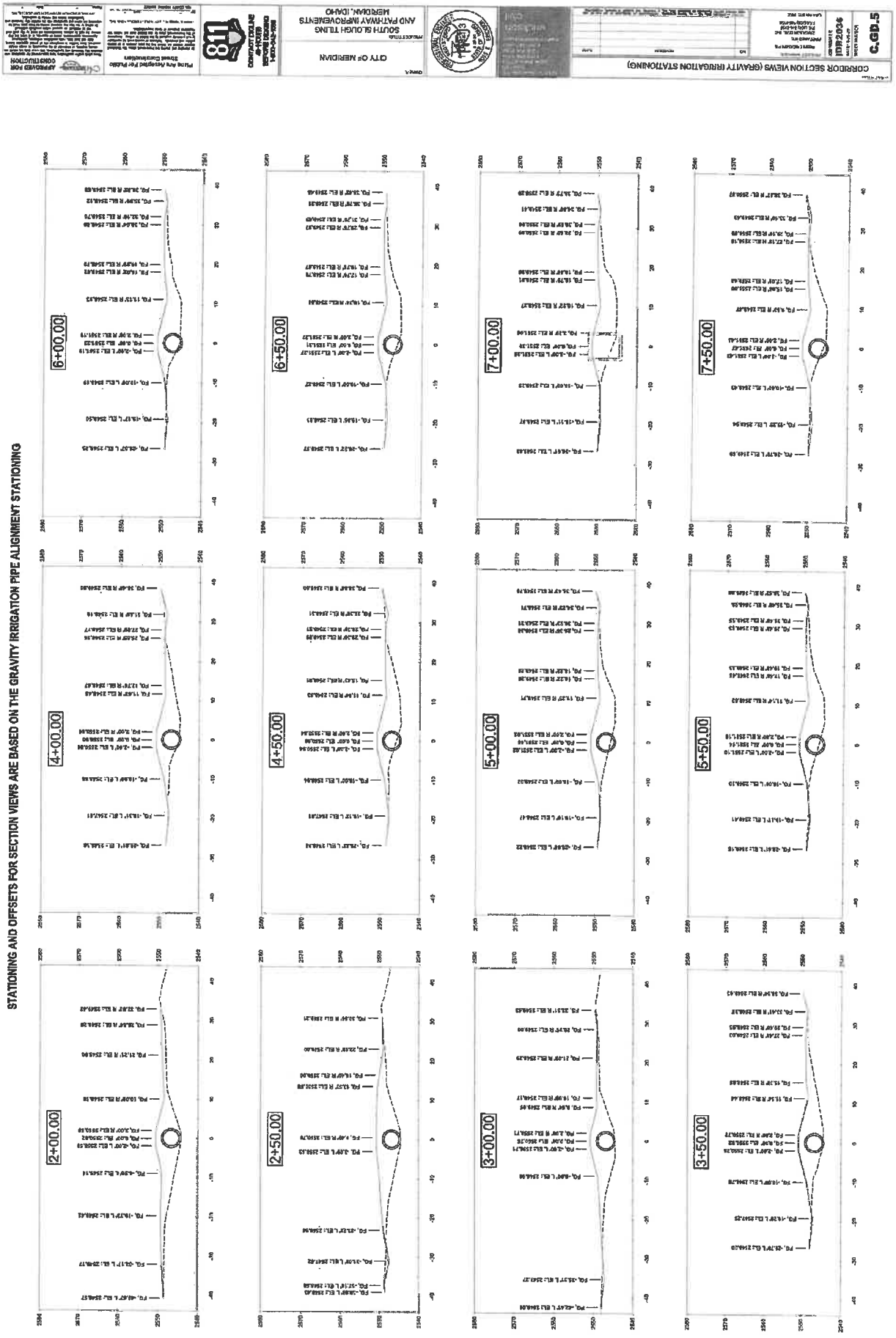
GRADING AND PATHWAY PLAN AREAS B & C (STA 4+34 TO 9+75)

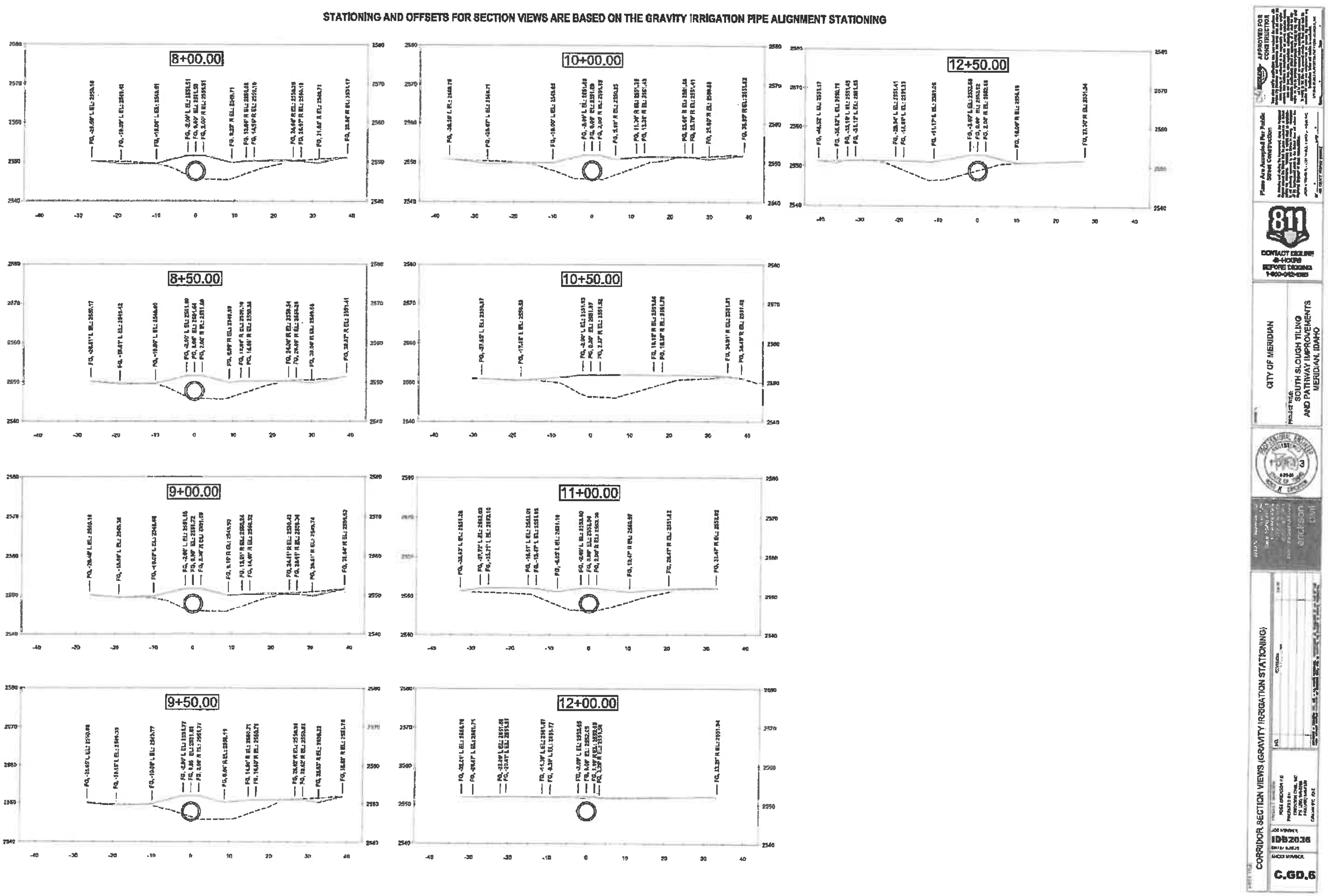
JOB NUMBER: 1DB2036

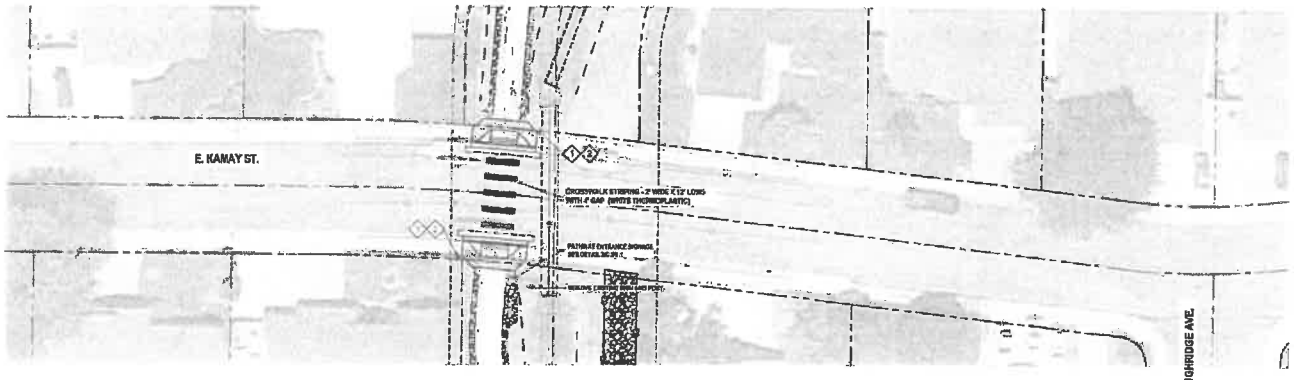
SHEET NUMBER: C.GD.2


GRADING AND PATHWAY PLAN AREA D (STA 9+75 TO 12+16.13)
GRADING AND PATHWAY PLAN AREA E (STA 1+00 TO 2+03.10)
MATCH LINE SEE SHEET C.GD.3
MATCH LINE SEE SHEET C.GD.2
E. KARRAY ST.
Keyed Notes
Notes
CITY OF MERIDIAN
SOUTH SLOUGH TRAIL
AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO
C.GD.3

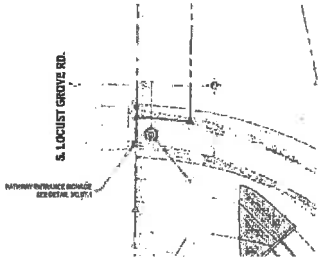

PATHWAY ALIGNMENT A (STA 1+00 TO 9+00)
PATHWAY ALIGNMENT B (STA 1+00 TO 2+03.10)
PATHWAY ALIGNMENT A (STA 9+00 TO 12+16.13)
PATHWAY PROFILE
C.GD.4
CITY OF MERIDIAN
SOUTH SLOUGH TRUNK AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO


CORRIDOR SECTION VIEWS (GRAVITY IRRIGATION STATIONING)
C.GD.5
CITY OF MERIDIAN
SOUTH BLOUGH TUNG AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO
STATIONING AND OFFSETS FOR SECTION VIEWS ARE BASED ON THE GRAVITY IRRIGATION PIPE ALIGNMENT STATIONING
2+00.00
2+50.00
3+00.00
3+50.00
4+00.00
4+50.00
5+00.00
5+50.00
6+00.00
6+50.00
7+00.00
7+50.00


STATIONING AND OFFSETS FOR SECTION VIEWS ARE BASED ON THE GRAVITY IRRIGATION PIPE ALIGNMENT STATIONING
8+00.00
10+00.00
12+50.00
8+50.00
10+50.00
9+00.00
11+00.00
9+50.00
12+00.00
CITY OF MERIDIAN
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO
811
CORRIDOR SECTION VIEWS (GRAVITY IRRIGATION STATIONING)
C.GD.6



SIGNAGE AND STRIPING PLAN



PATHWAY SIGNAGE - S. LOCUST GROVE RD. ENTRANCE

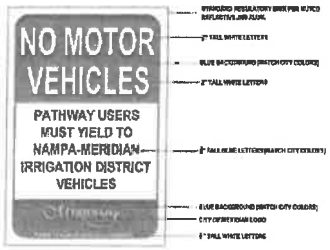
Signage Keyed Notes

(R81-B) 24" X 36" 1

(R16-7P) 24" X 12" 2

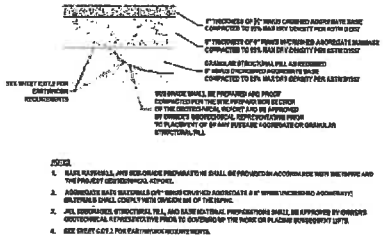
Signage + Striping Notes

1. SIGNAGE SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE CURRENT EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC) AND THE ACHD SUPPLEMENTAL SPECIFICATIONS AND REQUIREMENTS.
2. SIGN POSITIONING SHALL BE IN ACCORDANCE WITH MUTCD SECTION 7B.03 AND ACHD STANDARDS.
3. SIGN HEIGHTS SHALL BE IN ACCORDANCE WITH MUTCD SECTION 2A.18 AND ACHD STANDARDS.
4. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO THE INDICATED SIGN LOCATIONS AS REQUIRED TO INSTALL SIGNS WHERE EXISTING SITE FEATURES PROHIBIT SIGN INSTALLATION. (IE. SIDEWALKS, TREES, STREET LIGHTS, PEDESTRIAN RAMPS, PAVEMENT, ETC.) COORDINATE ALL ADJUSTMENTS WITH ACHD. SIGNS SHALL BE LOCATED WITHIN ACHD RIGHT OF WAY.
5. ALL CROSS WALK MARKINGS SHALL BE WHITE THERMOPLASTIC TAPE (2' WITH 4' GAP) AND BE CENTERED ON THE PEDESTRIAN RAMPS. SEE PLANS FOR CROSS WALK WIDTHS AND LOCATIONS
6. CONTACT ACHD CONSTRUCTION SERVICES PRIOR TO PLACEMENT OR REMOVAL OF ANY PAVEMENT MARKINGS TO CONFIRM COMPLIANCE WITH POLICY AND EXISTING PAVEMENT MARKINGS (347-4235).



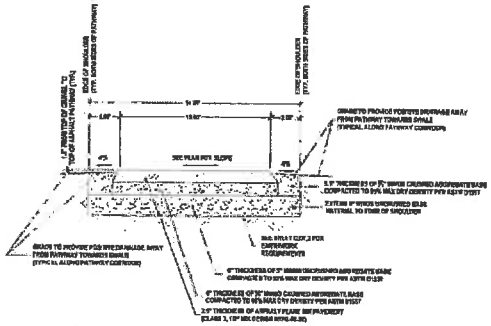
PATHWAY ENTRANCE SIGNAGE

3 C.DT.1



ACHD STORM DRAIN POND ACCESS RD.

2 C.DT.1



NOTES:

1. ALL ASPHALT PAVEMENTS AND BASE MATERIALS AND SUBGRADE PREPARATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT.
2. ASPHALT PAVEMENT MIX DESIGN SHALL BE A SL-9.5 X 2.5" MIX DESIGN (PG 58-28) AND MEET THE REQUIREMENTS OF ISPWC SECTION 810 "PLANT MIX PAVEMENT".
3. AGGREGATE BASE MATERIALS (3/4" WASH CRUSHED AGGREGATE & 6" WASH UNCRUSHED AGGREGATE) MATERIALS SHALL COMPLY WITH SECTION 801 OF THE ISPWC.
4. ALL SUBGRADES, STRUCTURAL FILL, AND BASE MATERIAL PREPARATIONS SHALL BE APPROVED BY OWNER'S GEOTECHNICAL REPRESENTATIVE PRIOR TO CONTINUING UP THE WORK OR PLACING SUBSEQUENT LIFTS.
5. ASPHALT PAVEMENT SHALL BE COMPACTED IN ACCORDANCE WITH THE ISPWC AND THE PROJECT GEOTECHNICAL REPORT. DENSITY TESTING SHALL BE PERFORMED RANDOMLY ACROSS THE STREET A FREQUENCY TO BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE. CONTACT OWNER'S GEOTECHNICAL REPRESENTATIVE 48 HOURS PRIOR TO RAKING AND ARRANGE FOR COMPACTION TESTING AND CORE SAMPLING.
6. SEE SHEET C.DT.2 FOR EARTHWORK REQUIREMENTS.

ASPHALT PATHWAY

1 C.DT.1

APPROVED FOR CONSTRUCTION

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1585

CITY OF MERIDIAN

PROJECT TITLE: SOUTH SLOUGH TRILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

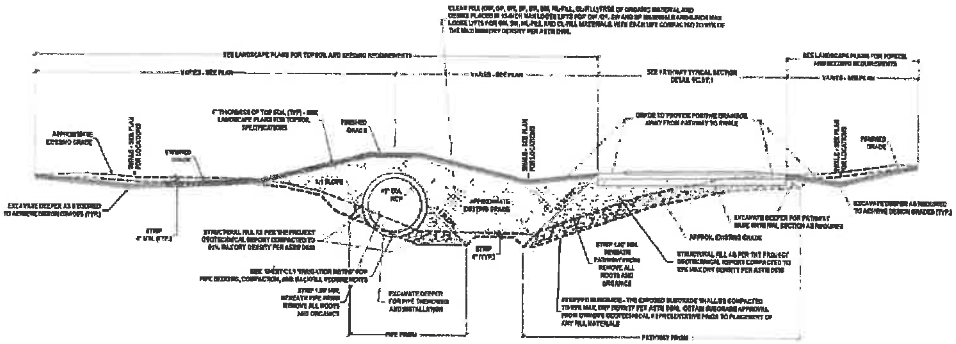
PROFESSIONAL ENGINEER

DETAILS - 1

PROJECT NO. IDB2036

DATE: 6-25-20

SHEET NUMBER C.DT.1



NOTES:

1. ALL EARTHWORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT BY MTI DATED MARCH 28TH, [illegible]. CONTRACTOR SHALL REQUEST A COPY OF THE GEOTECHNICAL REPORT FROM OWNER PRIOR TO BID AND INCLUDE PROVISIONS IN THE BID TO ADDRESS ALL REQUIREMENTS - NO SEPARATE PAYMENT SHALL BE MADE.
2. THE CROSS SECTION SHOWN IS A GENERIC SECTION TO ILLUSTRATE THE EARTHWORK REQUIREMENTS FOR THE PROJECT - THE ACTUAL TYPICAL SECTIONS WILL VARY AS PER THE PROJECT PLANS. CONTRACTOR SHALL REVIEW THE COMPLETE PLAN SET AND INCLUDE ALL WORK IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
3. CONTRACTOR SHALL HAUL OFF AND DISPOSE OF ALL EXCESS DEBRIS AND EARTH MATERIALS AT CONTRACTOR'S EXPENSE.

EARTHWORK PREPARATION, AND PLACEMENT OF FILL SHALL BE COMPLETED IN ACCORDANCE WITH THE FOLLOWING TABLE FOR THE SPECIFIC LOCATION/FEATURE INDICATED

ALL WORK, INCLUDING BUT NOT LIMITED TO, EARTHWORK, EXCAVATION, HAUL-OFF, BACKFILL, IMPORT, AND FILL SHALL BE INCLUDED IN THE PROJECT BID FOR THE WORK NO SEPARATE PAYMENT SHALL BE MADE

DEFINITIONS:

SUBGRADE - SURFACE OR ELEVATION REMAINING AFTER COMPLETING EXCAVATION, OR TOP OF A BACKFILL IMMEDIATELY BELOW SUBBASE, DRAINAGE FILL, OR TOPSOIL MATERIALS.

SUBBASE - LAYER PLACED BETWEEN THE SUBGRADE AND LOWEST BASE COURSE FOR ASPHALT PAVING AND CONCRETE.

BASE COURSE - LAYER PLACED BETWEEN THE SUBBASE COURSE AND ASPHALT OR CONCRETE PAVING. INCLUDES TYP-1 3/4" CRUSHED AGGREGATE PER ISPWC SECTION 801, AND 3-INCH & 6-INCH MINUS UNCRUSHED BASE PER ISPWC SECTION 800.

DRAINAGE COURSE - 4" THICK LAYER OF 3/4" MINUS TYPE-1 CRUSHED AGGREGATE BASE MATERIAL COMPLYING WITH ISPWC SECTION 801. DRAINAGE COURSE LAYER IS PLACED BETWEEN THE TOP OF THE SUBBASE COURSE AND THE BOTTOM OF THE BUILDING CONCRETE SLAB.

LOCATION/FEATURE	EARTHWORK & SUBGRADE PREPARATION	FILL REQUIREMENTS
A. ALL CONCRETE SIDEWALKS, CURBS, GUTTERS, ASPHALT PAVEMENT, PATHWAYS, GRAVEL ROADS & GRAVEL SHOULDERS	STRIP ALL ORGANIC MATERIALS, ASSOCIATED ROOT ZONES, DEBRIS, AND EXISTING FILL MATERIALS TO A DEPTH OF 1-FOOT BELOW THE EXISTING GROUND SURFACE A MINIMUM DISTANCE BEYOND THE FEATURE OF 2-FEET, OR EQUAL TO TO THE DEPTH OF FILL, WHICHEVER IS GREATER. ESTABLISH SUBGRADE BY EXCAVATING DEEPER TO ACHIEVE DESIGN GRADES AND FOR FEATURE AGGREGATE BASE COURSES. THE UPPER 8-INCHES OF THE EXPOSED SUBGRADE SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO 95% MAX DRY DENSITY PER ASTM D698 IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. OBTAIN SUBGRADE APPROVAL FROM OWNERS GEOTECHNICAL REPRESENTATIVE PRIOR PLACEMENT OF ANY FILL MATERIALS.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF BASE COURSE ELEVATION BY PLACING STRUCTURAL FILL COMPLYING WITH THE SPECIFICATIONS AND REQUIREMENT OF THE GEOTECHNICAL REPORT, OR GRANULAR STRUCTURAL FILL (3-INCH OR 6-INCH MINUS UNCRUSHED AGGREGATE BASE MATERIAL) EXTENDING HORIZONTALLY A DISTANCE EQUAL TO THE DEPTH OF THE FILL BEYOND THE FEATURE ON ALL SIDES, WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. STRUCTURAL FILL SHALL BE COMPACTED IN 8-INCH MAX. LOOSE LIFTS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT. GRANULAR STRUCTURAL FILL SHALL BE PLACED IN 1.0 FOOT MAX LOOSE LIFTS PER THE STRUCTURAL FILL SECTION OF THE GEOTECHNICAL REPORT.
B. LANDSCAPE AREAS	STRIP ALL ORGANIC MATERIALS, ASSOCIATED ROOT ZONES, DEBRIS, AND EXISTING FILL MATERIALS TO A DEPTH OF 4-INCHES BELOW THE EXISTING GROUND SURFACE. ESTABLISH SUBGRADE BY EXCAVATING DEEPER AS REQUIRED TO ACHIEVE DESIGN GRADES. OBTAIN SUBGRADE APPROVAL FROM OWNERS GEOTECHNICAL REPRESENTATIVE PRIOR PLACEMENT OF ANY FILL MATERIALS.	ESTABLISH TOP OF SUBBASE TO THE BOTTOM OF TOPSOIL SECTION BY PLACING CLEAN FILL (GW, GP, SW, SP, GM, SM, ML-FILL, CL-FILL) FREE OF ORGANIC MATERIAL AND DEBRIS IN 12-INCH MAX LOOSE LIFTS FOR GW, GP, SW AND SP MATERIALS AND 8-INCH MAX LIFTS FOR GM, SM, ML-FILL AND CL-FILL MATERIALS WITH EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D698. SEE LANDSCAPE PLAN FOR TOPSOIL REQUIREMENTS.

EARTHWORK REQUIREMENTS

1
C.DT.2

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811
CONTACT DIGLINE
48-HOURS
BEFORE DIGGING
1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

DETAILS - 2

JOB NUMBER: IDB2036

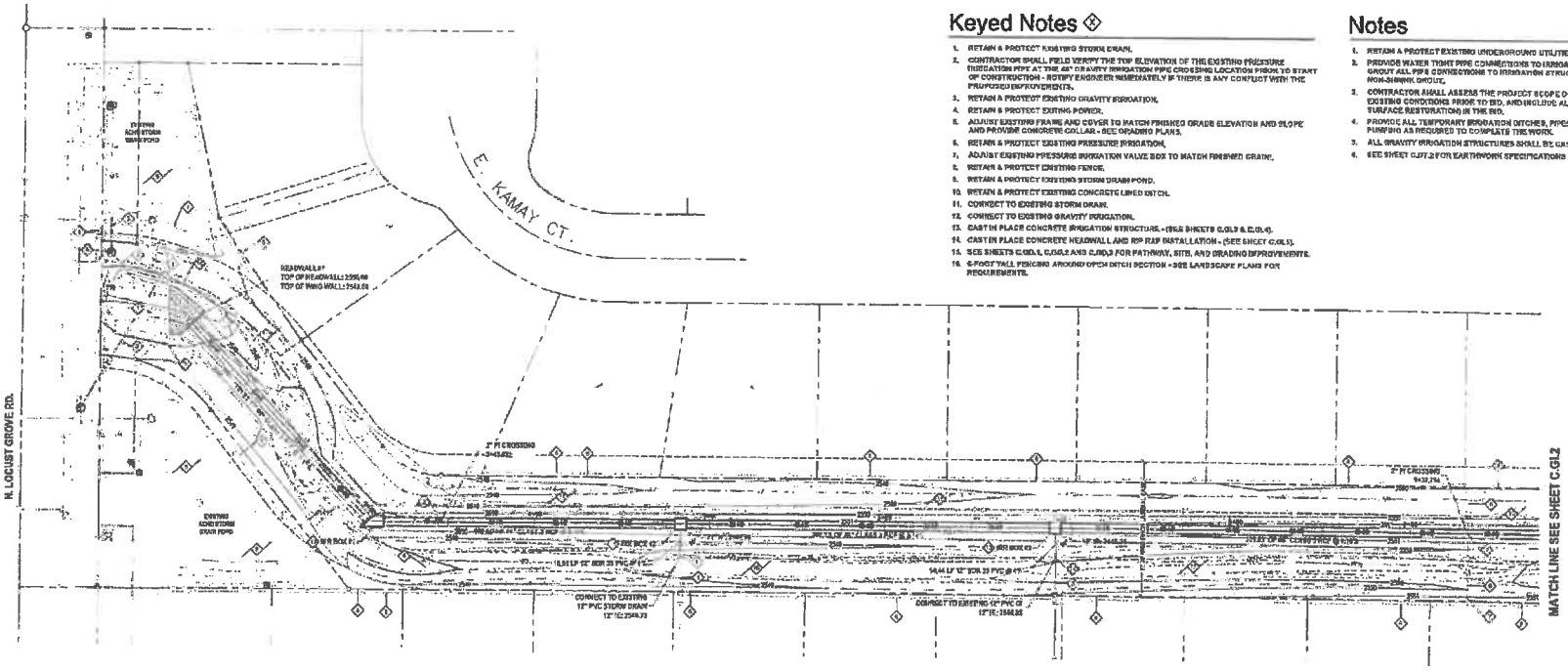
SHEET NUMBER: C.DT.2

Keyed Notes

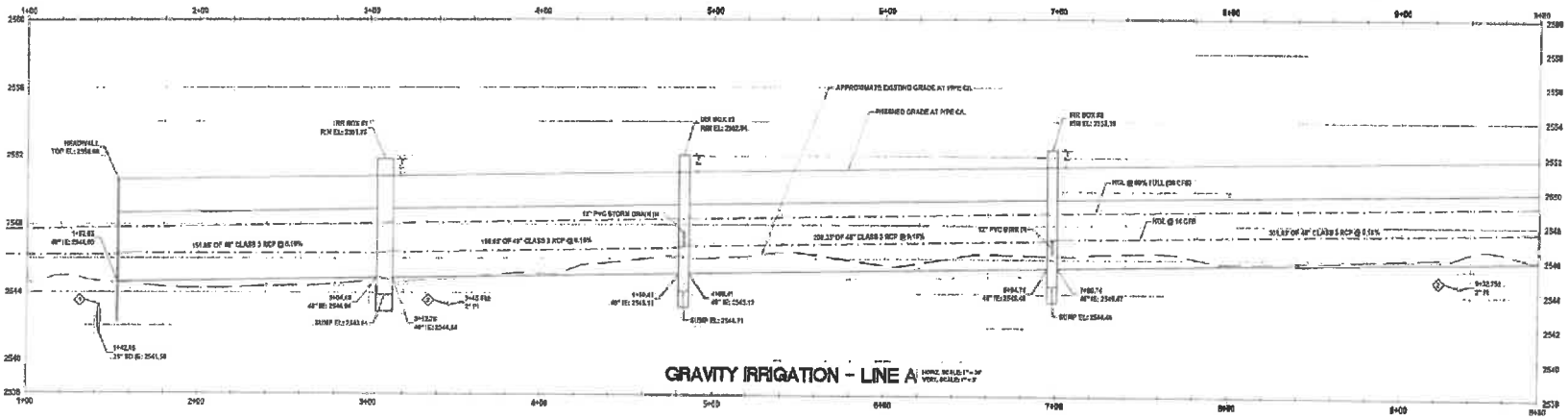
1. RETAIN & PROTECT EXISTING STORM DRAIN.
2. CONTRACTOR SHALL FIELD VERIFY THE TOP ELEVATION OF THE EXISTING PRESSURE IRRIGATION PIPE AT THE 48" GRAVITY IRRIGATION PIPE CROSSING LOCATION PRIOR TO START OF CONSTRUCTION - NOTIFY ENGINEER IMMEDIATELY IF THERE IS ANY CONFLICT WITH THE PROPOSED IMPROVEMENTS.
3. RETAIN & PROTECT EXISTING GRAVITY IRRIGATION.
4. RETAIN & PROTECT EXISTING POWER.
5. ADJUST EXISTING FRAME AND COVER TO MATCH FINISHED GRADE ELEVATION AND SLOPE AND PROVIDE CONCRETE COLLAR - SEE GRADING PLANS.
6. RETAIN & PROTECT EXISTING PRESSURE IRRIGATION.
7. ADJUST EXISTING PRESSURE IRRIGATION VALVE BOX TO MATCH FINISHED GRADE.
8. RETAIN & PROTECT EXISTING FENCE.
9. RETAIN & PROTECT EXISTING STORM DRAIN POND.
10. RETAIN & PROTECT EXISTING CONCRETE LINED DITCH.
11. CONNECT TO EXISTING STORM DRAIN.
12. CONNECT TO EXISTING GRAVITY IRRIGATION.
13. CAST IN PLACE CONCRETE IRRIGATION STRUCTURE - (SEE SHEETS C.GI.3 & C.GI.4).
14. CAST IN PLACE CONCRETE HEADWALL AND RIP RAP INSTALLATION - (SEE SHEET C.GI.5).
15. SEE SHEETS C.GD.1, C.GD.2 AND C.GD.3 FOR PATHWAY, SITE, AND GRADING IMPROVEMENTS.
16. 6-FOOT TALL FENCING AROUND OPEN DITCH SECTION - SEE LANDSCAPE PLANS FOR REQUIREMENTS.

Notes

1. RETAIN & PROTECT EXISTING UNDERGROUND UTILITIES.
2. PROVIDE WATER TIGHT PIPE CONNECTIONS TO IRRIGATION STRUCTURES. GROUT ALL PIPE CONNECTIONS TO IRRIGATION STRUCTURES USING NON-SHRINK GROUT.
3. CONTRACTOR SHALL ASSESS THE PROJECT SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO BID, AND INCLUDE ALL WORK (INCLUDING SURFACE RESTORATION) IN THE BID.
4. PROVIDE ALL TEMPORARY IRRIGATION DITCHES, PIPES AND BYPASS PUMPING AS REQUIRED TO COMPLETE THE WORK.
5. ALL GRAVITY IRRIGATION STRUCTURES SHALL BE CAST IN PLACE CONCRETE.
6. SEE SHEET C.PT.2 FOR EARTHWORK SPECIFICATIONS AND REQUIREMENTS.



GRAVITY IRRIGATION - LINE A (STA 1+00 TO 9+80)



GRAVITY IRRIGATION - LINE A

Plans Are Acceptable For Public Street Construction

CONTACT EMILIBE 48-HOURS BEFORE DIGGING 1-800-398-3285

CITY OF MERIDIAN

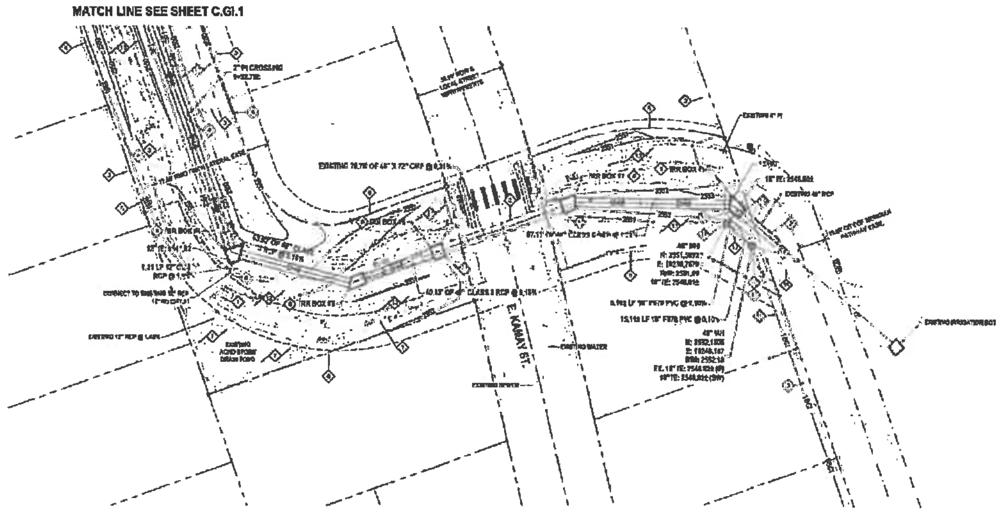
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

GRAVITY IRRIGATION - LINE A (STA 1+00 TO 9+80)

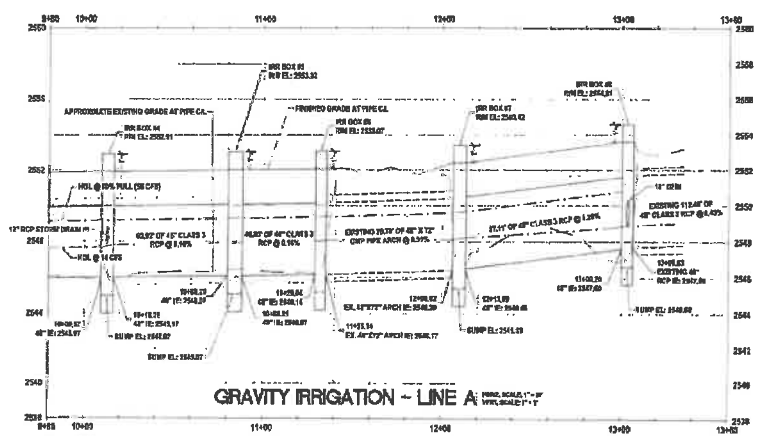
JOB NUMBER 18B2036

SHEET NUMBER C.GI.1

Exhibit B-1, page 13



GRAVITY IRRIGATION - LINE A (STA 9+80 TO 13+06.63)



GRAVITY IRRIGATION - LINE A

Keyed Notes

1. RETAIN & PROTECT EXISTING STORM DRAIN.
2. RETAIN & PROTECT EXISTING GRAVITY IRRIGATION.
3. RETAIN & PROTECT EXISTING PRESSURE IRRIGATION.
4. CONTRACTOR SHALL FIELD VERIFY THE TOP ELEVATION OF THE EXISTING PRESSURE IRRIGATION PIPE AT THE 48" GRAVITY IRRIGATION PIPE CROSSING LOCATION PRIOR TO START OF CONSTRUCTION - NOTIFY ENGINEER IMMEDIATELY IF THERE IS ANY CONFLICT WITH THE PROPOSED IMPROVEMENTS.
5. ADJUST EXISTING PRESSURE IRRIGATION VALVE BOX TO MATCH FINISHED GRADE.
6. RETAIN & PROTECT EXISTING FENCE.
7. RETAIN & PROTECT EXISTING STORM DRAIN POND.
8. CAST IN PLACE CONCRETE IRRIGATION STRUCTURE - (SEE SHEETS C.GI.3 & C.GI.4).
9. CONNECT TO EXISTING STORM DRAIN.
10. CONNECT TO EXISTING GRAVITY IRRIGATION - CUT PIPE FLUSH TO INSIDE FACE OF BOX.
11. FIELD LOCATE AND RELOCATE EXISTING 4" PRESSURE IRRIGATION TO BE OUT OF CONFLICT WITH NEW GRAVITY IRRIGATION BOX AND PIPE - ALL PRESSURE IRRIGATION RELOCATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NAMPA MERIDIAN IRRIGATION DISTRICT PRESSURE IRRIGATION STANDARDS AND DETAILS. CONTACT PAUL MIDDLESTUN OF NMID (208) 353-7553 48-HOURS PRIOR TO BEGINNING WORK AND FOR INSPECTION AND SIGNOFF OF COMPLETED WORK. ALL WORK SHALL BE INCLUDED IN THE BID - NO SEPARATE PAYMENT SHALL BE MADE.
12. CONNECT TO EXISTING GRAVITY IRRIGATION.
13. SEE SHEETS C.GD.1, C.GD.2 AND C.GD.3 FOR PATHWAY, SITE, AND GRADING IMPROVEMENTS.
14. APPROXIMATE LOCATION OF EXISTING 18" PVC GRAVITY IRRIGATION PIPE.
15. EXISTING PIPE IS NOT EXPOSED - CONTRACTOR SHALL FIELD LOCATE EXISTING GRAVITY IRRIGATION PIPE AND CONFIRM THE EXACT HORIZONTAL LOCATION AND PIPE INVERT ELEVATION AT THE POINT OF CONNECTION TO THE NEW GRAVITY IRRIGATION MANHOLE - PROVIDE FIELD INFORMATION TO ENGINEER FOR REVIEW AND POTENTIAL DESIGN MODIFICATION. CONTRACTOR SHALL NOT ORDER THE (3) DOWNSTREAM GRAVITY IRRIGATION MANHOLES UNTIL ENGINEER HAS REVIEWED AND APPROVED THE AFOREMENTIONED INFORMATION. NO SEPARATE PAYMENT WILL BE MADE TO CONTRACTOR AS RESULT OF ENGINEER ADJUSTING THE 18" GRAVITY IRRIGATION PIPE AND 48" MANHOLES TO FIT FIELD CONDITIONS.
16. RETAIN & CONNECT TO EXISTING 4" ADS FLEX PIPE.
17. CORE AND CONNECT EXISTING 4" ADS FLEX PIPE TO NEW IRRIGATION MANHOLE. INSTALL NEW 4" ADS FLEX PIPE AT 2% SLOPE. GROUT CONNECTION TO MANHOLE.
18. 48" DIA. CONCRETE IRRIGATION MANHOLE PER ISPWC SD-611 - USE FLAT CONCRETE COVER WITH 6" MIN GRADE RINGS. PIPE ANGLES WILL BE PROVIDED ONCE THE EXISTING GRAVITY IRRIGATION POINT OF CONNECTION IS FIELD VERIFIED BY CONTRACTOR. GRADE SURROUNDING AREA TO SMOOTHLY MATCH THE MANHOLE RIM ELEVATIONS.
19. CUT EXISTING PIPE TO PROVIDE CLEAN END AND CONNECT TO EXISTING 18" PVC.

Notes

1. RETAIN & PROTECT EXISTING UNDERGROUND UTILITIES.
2. PROVIDE WATER TIGHT PIPE CONNECTIONS TO IRRIGATION STRUCTURES. GROUT ALL PIPE CONNECTIONS TO IRRIGATION STRUCTURES USING NON-SHRINK GROUT.
3. CONTRACTOR SHALL ASSESS THE PROJECT SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO BID, AND INCLUDE ALL WORK (INCLUDING SURFACE RESTORATION) IN THE BID.
4. PROVIDE ALL TEMPORARY IRRIGATION DITCHES, PIPES AND BYPASS PUMPING AS REQUIRED TO COMPLETE THE WORK.
5. ALL GRAVITY IRRIGATION STRUCTURES SHALL BE CAST IN PLACE CONCRETE.
6. SEE SHEET C.GT.2 FOR EARTHWORK SPECIFICATIONS AND REQUIREMENTS.

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48 HOURS BEFORE DIGGING

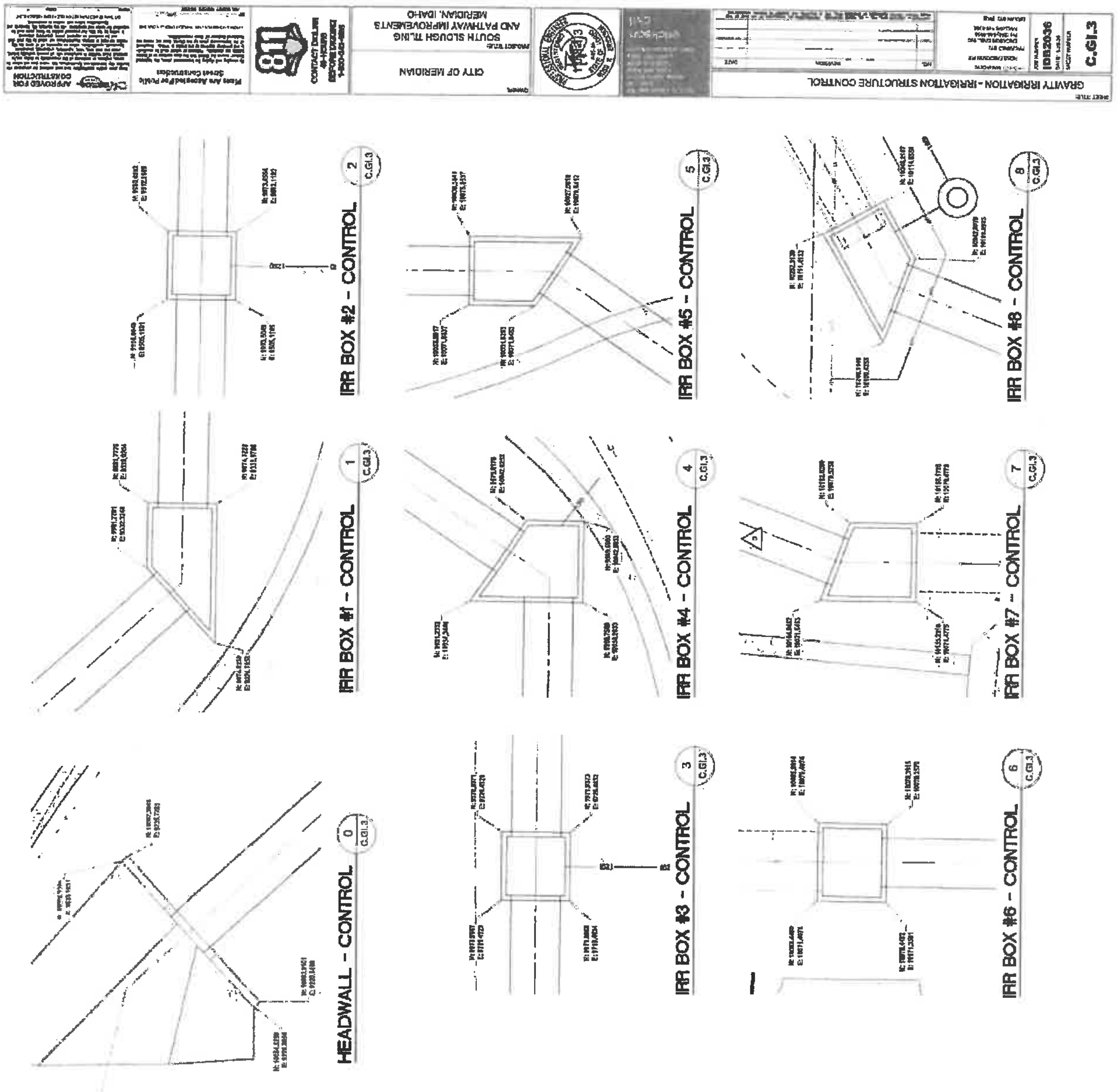
CITY OF MERIDIAN

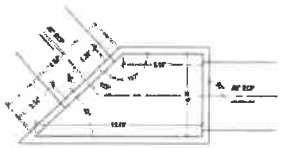
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

GRAVITY IRRIGATION - LINE A (STA 9+80 TO 13+06.63)

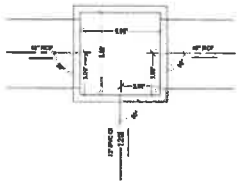
IDB2036

C.GI.2

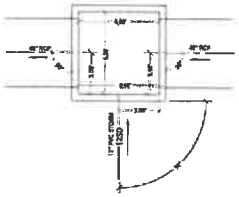

GRAVITY IRRIGATION - IRRIGATION STRUCTURE CONTROL
C.GI.3
CITY OF MERIDIAN
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO
811
IRR BOX #2 - CONTROL
IRR BOX #5 - CONTROL
IRR BOX #8 - CONTROL
IRR BOX #1 - CONTROL
IRR BOX #4 - CONTROL
IRR BOX #7 - CONTROL
HEADWALL - CONTROL
IRR BOX #3 - CONTROL
IRR BOX #6 - CONTROL



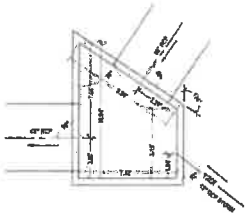
GIRR BOX #1 PLAN VIEW



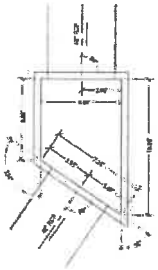
GIRR BOX #2 PLAN VIEW



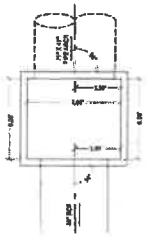
GIRR BOX #3 PLAN VIEW



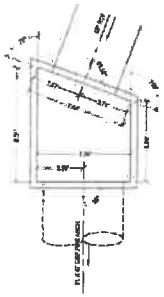
GIRR BOX #4 PLAN VIEW



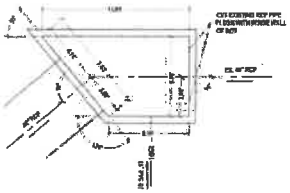
GIRR BOX #5 PLAN VIEW



GIRR BOX #6 PLAN VIEW



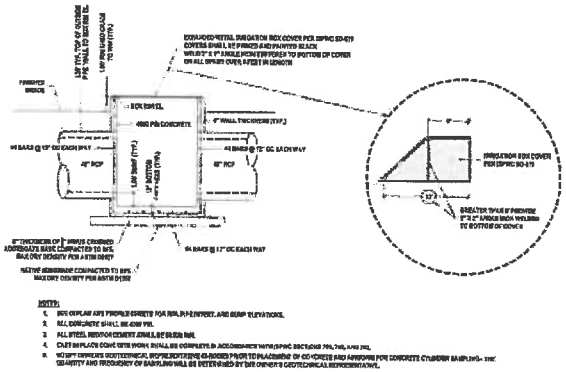
GIRR BOX #7 PLAN VIEW



GIRR BOX #8 PLAN VIEW

IRRIGATION BOX DIMENSIONS

1
C.GI.4



CAST-IN-PLACE CONCRETE IRRIGATION BOX

1
C.GI.4

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Road Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1996

CITY OF MERIDIAN

SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

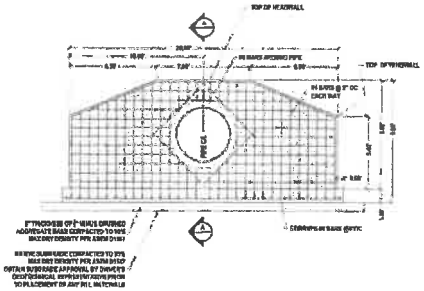
PROFESSIONAL ENGINEER STATE OF IDAHO

erickson civil

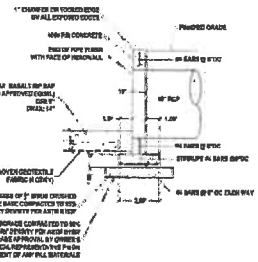
GRAVITY IRRIGATION - IRRIGATION BOX DETAILS

IDB2036

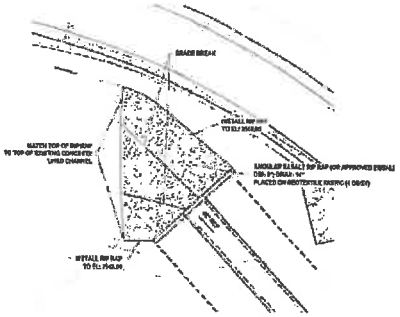
C.GI.4



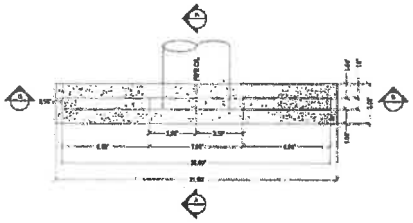
HEADWALL SECTION B-B



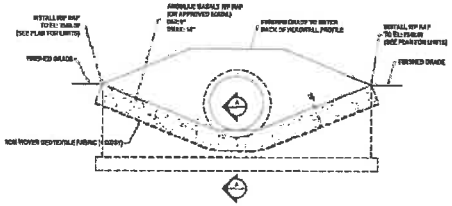
HEADWALL SECTION A-A



OUTLET RIP RAP PLAN



HEADWALL PLAN VIEW



PIPE OUTLET RIP RAP

NOTES:

1. SEE CIVIL PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION.
2. ALL CONCRETE SHALL BE 4000 PSI.
3. ALL STEEL REINFORCEMENT SHALL BE #4 UNLESS.
4. CAST AND PLACE CONCRETE WORK SHALL BE COMPLETE IN ACCORDANCE WITH DETAILS 1V1, 1V2, AND 1V3.
5. SUPPLY OWNER'S GEOTECHNICAL REPRESENTATIVE AT LEAST PRIOR TO PLACEMENT OF CONCRETE AND ADVANCE FOR CONCRETE CYLINDER EMBEDDED. THE QUANTITY AND FREQUENCY OF SAMPLING WILL BE DETERMINED BY THE OWNER'S GEOTECHNICAL REPRESENTATIVE.

HEADWALL #1

1
C.GI.5

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1996

OWNER: CITY OF MERIDIAN

PROJECT TITLE: SOUTH SLOUGH TRLNG AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

PROFESSIONAL ENGINEER REGISTERED STATE OF IDAHO JOHN R. BROWN

ATKISON CIVIL

GRAVITY IRRIGATION - IRRIGATION DETAILS

NO. | DATE | REVISION

JOB NUMBER: IDB2036

DATE: 5-21-20

SHEET NUMBER: C.GI.5

EROSION AND SEDIMENT CONTROL PLAN
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS
MERIDIAN PARKS AND RECREATION

MERIDIAN, IDAHO

ECI PROJECT NO. IDB2036

NOTES

1. ALL INSPECTIONS REQUIRE A 24-HOUR NOTICE PRIOR TO THE SCHEDULED INSPECTION TIME.
2. THE GENERAL CONTRACTOR SHALL MAKE ANY REQUIRED NOTIFICATIONS LEAST 24-HOURS PRIOR TO BEGINNING EARTH WORK OR AS OTHERWISE REQUIRED BY EPA 2017 CGP.
3. NO DISCHARGE TO THE PRE-ENGINEERED STORM DRAIN SYSTEM SHALL BE PERMITTED UNTIL THE FINAL SITE LANDSCAPING, AND ALL SLOPE STABILIZATION MEASURES ARE COMPLETE.
4. GENERAL CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE STORM WATER POLLUTION PREVENTION PLAN, WHICH INCLUDES THIS EROSION AND SEDIMENT CONTROL PLAN SHEET, THROUGHOUT THE DURATION OF CONSTRUCTION.
5. ERICKSON CIVIL, INC. SHALL NOT BE HELD LIABLE OR RESPONSIBLE FOR MISUSE OF THIS PLAN.
6. CONTRACTOR SHALL POST ALL REQUIRED NOTICES AND SIGNAGE.
7. CLEARING, GRUBBING, AND FOUNDATION EXCAVATION SHALL BE LIMITED TO THE BOUNDARIES OF ACTIVE CONSTRUCTION AS SHOWN ON THE EROSION & SEDIMENT CONTROL DRAWING. SURROUNDING AREAS OF EXISTING VEGETATION WILL BE PROTECTED IN CONFORMANCE WITH THE PRESERVATION OF EXISTING VEGETATION BEST MANAGEMENT PRACTICE (BMP).
8. FINAL STABILIZATION IS REQUIRED THROUGH THE USE OF PERMANENT LANDSCAPE PLANTINGS, LAWN, AND HARDSCAPES.
9. WHERE SOIL IS EXPOSED DURING GRADING, ROUGHEN THE SURFACE OF THE EXPOSED SOIL BY DRIVING TREAD EQUIPMENT PERPENDICULAR TO THE SLOPE. AFTER WHICH, THE SOIL SHOULD BE LIGHTLY COATED WITH WATER TO SEAL THE ROUGHENED SURFACE.
10. GENERAL CONTRACTOR SHALL PLACE SILT FENCE AND INLET PROTECTION AS SHOWN FOR THE ENTIRE DURATION OF THE CONSTRUCTION ACTIVITY. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF THE BMP'S AND SHALL MODIFY THE PLAN AS REQUIRED TO ENSURE COMPLIANCE WITH EPA STANDARDS.
11. MUD TRACKING ONTO THE STREET SHALL BE CLEANED BY HAND DAILY. IF SEVERE TRACKING DOES OCCUR, STREET SWEEPING AND VACUUMING SHALL BE PROVIDED BY GENERAL CONTRACTOR.
12. WIND EROSION CONTROLS SHALL BE APPLIED AS NECESSARY TO PREVENT NUISANCE DUST. THE SOIL STABILIZATION BMP'S SELECTED FOR THE PROJECT SHALL ALSO PROVIDE WIND EROSION CONTROL BENEFITS. EXCESS EXCAVATED MATERIALS WILL BE HAULED OFF-SITE, AND PROPERLY DISPOSED OF BY THE GENERAL CONTRACTOR.
13. WASHOUT FROM CONCRETE EQUIPMENT SHALL BE LOCATED AS SHOWN ON THE SWPPP DRAWING. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED, THE CONCRETE WASTE SHALL BE REMOVED FROM THE WASHOUT AREA AND DISPOSED OF PROPERLY OFFSITE BY GENERAL CONTRACTOR.
14. ALL WASTE MATERIALS SHALL BE COLLECTED AND TRANSPORTED OFF-SITE FOR PROPER DISPOSAL. ALL TRASH SHALL BE COLLECTED AT THE END OF EACH BUSINESS DAY. NO WASTE CONSTRUCTION MATERIALS SHALL BE LEFT ON-SITE FOR DURATION OF MORE THAN TWENTY FOUR HOURS, EXCEPT FOR WOOD AND FRAMING WASTE. WASTE SHALL BE STOCKPILED SO THAT WASTE IS NOT SCATTERED. WASTE SHALL BE COLLECTED AT THE END OF THE FRAMING ACTIVITY. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.
15. ALL HAZARDOUS WASTE MATERIAL SHALL BE PROPERLY IDENTIFIED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS ON A WEEKLY BASIS.

    THESE PRACTICES ARE TO BE USED TO REDUCE THE RISK ASSOCIATED WITH HAZARDOUS MATERIALS:

    A. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE.
    B. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED ONSITE.
    C. NO SURPLUS OF PRODUCTS WILL BE DISPOSED OF ONSITE.
16. IN ALL CASES TRAINED PERSONNEL UNDER DIRECTION OF THE GENERAL CONTRACTOR WILL PERFORM THE CLEANUP. IF A SPILL CANNOT BE CONTAINED BY OPERATING PERSONAL, CALL THE HAZARDOUS MATERIAL TEAM AT 911.
17. NO SANITARY WASTE SHALL BE DEPOSITED AT WORK SITE. THE GENERAL CONTRACTOR SHALL RENT AND MAINTAIN A PORT-O-POTTY FOR THE CONSTRUCTION SITE.
18. GENERAL CONTRACTOR SHALL POST A SIGN OR OTHER NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE. THE SIGN MUST CONTAIN A COPY OF THE NOI, NAME AND PHONE NUMBER OF THE CONTACT PERSON FOR SCHEDULING AN EROSION AND SEDIMENT CONTROL PLAN/SWPPP VIEWING TIME, AND THE LOCATION OF THE EROSION AND SEDIMENT CONTROL PLAN/SWPPP.
19. FILE A "NOTICE OF INTENT" WITH EPA FOR ALL SITES THAT ARE 1 ACRE OR GREATER OR LOCATED IN A COMMON AREA OR DEVELOPMENT WHICH IS 1 ACRE OR MORE.
20. AN INDIVIDUAL WHO HAS ATTENDED AN EPA APPROVED EROSION AND SEDIMENT CONTROL/SWPPP TRAINING PROGRAM MUST BE IN CHARGE OF THE EROSION AND SEDIMENT CONTROL(ESC) / SWPPP. THIS PERSON SHALL BE IN CHARGE OF ESC AT ALL TIMES DURING EACH PHASE OF THE CONSTRUCTION AND UNTIL PERMIT IS CLOSED.
21. PERIMETER CONTROLS WILL BE INSTALLED ALONG LOW PROPERTY LINES TO PREVENT SEDIMENT FROM BEING TRANSPORTED OFF-SITE AT ANY LOCATION WHERE SEDIMENT-LADEN RUN-OFF MAY EXIT THE PROPERTY. ANY SEDIMENT TRANSPORTED OFF-SITE TO ROADS OR ROAD RIGHTS-OF-WAY INCLUDING DITCHES SHALL BE REMOVED. ANY DAMAGE TO DITCHES SHALL BE REPAIRED AND STABILIZED TO ORIGINAL CONDITION.
22. GRADING SHALL NOT IMPAIR SURFACE DRAINAGE, CREATE AN EROSION HAZARD OR CREATE A SOURCE OF SEDIMENT TO ANY ADJACENT WATERCOURSE OR PROPERTY OWNER.
23. CONSTRUCTION RAMPS SHALL NOT BE PLACED IN A MANNER AS TO INTERFERE WITH OR BLOCK THE PASSAGE OF STORM WATER RUNOFF.
24. NO MATERIALS OR SUPPLIES SHALL BE PLACED ON THE PUBLIC RIGHTS-OF-WAY (STREETS OR SIDEWALKS) UNLESS PERMITTED BY THE APPROPRIATE JURISDICTION.
25. CONTROL MEASURES (APPROVED-BEST MANAGEMENT PRACTICES) SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT SEDIMENT FROM ENTERING STORM WATER INLET STRUCTURES DOWNSTREAM FROM THE PROPERTY.
26. GENERAL CONTRACTOR SHALL IMPLEMENT CONTROL MEASURES FOR THE DISPOSAL OF CONSTRUCTION AND BUILDING WASTE, PAINT, DRY WALL WASTE AND COMPOUNDS AND OTHER CHEMICALS USED DURING CONSTRUCTION.
27. EQUIPMENT AND VEHICLE WASHING OPERATIONS DURING CONSTRUCTION MUST BE IN AN AREA SPECIFICALLY DESIGNATED BY THE OWNER/GENERAL CONTRACTOR. PRESSURE WASHING OF DRIVEWAYS, SIDEWALKS, STREETS OR GUTTERS IS PROHIBITED UNLESS APPROVED MEASURES ARE USED TO PREVENT SEDIMENT OR POLLUTED WATER FROM ENTERING THE STORM WATER SYSTEM.
28. PORTABLE TOILETS, MATERIAL AND WASTE CONTAINERS SHALL NOT BE PLACED ON A STREET OR SIDEWALK OR LOCATED NEXT TO A STORM WATER INLET STRUCTURE. TOILETS, MATERIAL AND WASTE CONTAINERS SHALL BE LOCATED IN A DESIGNATED AREA; IN A MANNER THAT WILL NOT POSE A POTENTIAL RISK OF POSSIBLE DISCHARGE TO THE STORM DRAIN SYSTEM.
29. ALL TEMPORARY AND PERMANENT STABILIZATION SHALL OCCUR IN ACCORDANCE WITH 2017 CGP §2.2 AND 2.2.1.2.C. TEMPORARY OR PERMANENT STABILIZATION OF THE CONSTRUCTION SITE SHALL BE COMPLETED TO THE SURFACE OF ALL DISTURBED AREAS NOT ACTIVELY UNDER CONSTRUCTION. PERMANENT SITE STABILIZATION MUST OCCUR WITHIN 7 DAYS OF REMOVAL OF TEMPORARY MEASURES UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE BY CONTRACTOR WITH THE EPA AS APPROPRIATE.
30. SWALES OR OTHER AREAS THAT TRANSPORT CONCENTRATED FLOW SHALL BE STABILIZED WITH AN APPROVED BMP.
31. THE GENERAL CONTRACTOR'S RESPONSIBLE PERSON SHALL ADAPT/MODIFY THE EROSION AND SEDIMENT CONTROL PLAN / STORM WATER POLLUTION PREVENTION PLAN AS REQUIRED, INCLUDING ADDITIONAL BMP IMPLEMENTATION, IN ORDER TO COMPLY WITH THE EPA'S STANDARDS AND REQUIREMENTS.
32. GENERAL CONTRACTOR SHALL INSTALL SILT FENCE AROUND STOCKPILED MATERIALS AND BE ORIENTED IN A MANNER TO MINIMIZE EROSION.
33. STOCKPILED MATERIALS THAT SIT FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY STABILIZED BY GENERAL CONTRACTOR.
34. SEE STORMWATER POLLUTION PLAN PREVENTION MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
35. STORMWATER MANAGEMENT FOR THE PROPOSED SITE SHALL RETAIN, PRETREAT AND DISPOSE OF STORMWATER RUNOFF ENTIRELY ON-SITE.
36. EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
37. ALL EROSION CONTROL AND STORMWATER FACILITIES SHALL BE REGULARLY INSPECTED AND MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
38. CONTRACTOR SHALL PROTECT EXISTING INLET(S) FROM SEDIMENTATION AND DEBRIS DURING CONSTRUCTION. INSTALL DANDY BAG (OR AN APPROVED EQUIVALENT) CATCH BASIN INSERTS. CLEAN AND MAINTAIN PER EROSION AND SEDIMENT CONTROL PLAN NARRATIVE AND MANUFACTURER'S STANDARDS. RE: C7.1-3.
39. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
40. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY MARKED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
41. THE EROSION AND SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, ADJACENT OPEN WATER SURFACES OR VIOLATE APPLICABLE WATER STANDARDS.
42. THE EROSION AND SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION PERIOD, THESE EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.
43. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
44. STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND/OR VEGETATION IS RE-ESTABLISHED.
45. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
46. STOCKPILED TOPSOIL NOTES:

    A. STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY BETWEEN NOVEMBER 1 AND MARCH 31, RE: C1.4-2.

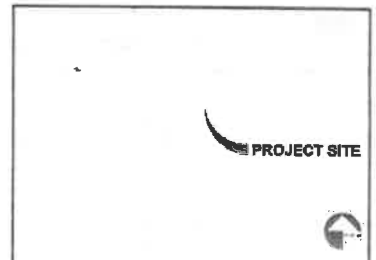
    B. IN ANY SEASON, SEDIMENT LEACHING FROM STOCKPILES MUST BE PREVENTED.
47. SEE CONSTRUCTION PLANS FOR FINAL LOCATIONS OF ASPHALT PLACEMENT, LANDSCAPING AND OTHER SITE IMPROVEMENTS.

PROJECT CONTACTS

OWNER	CITY OF MERIDIAN PARKS DEPT. PROJECT MANAGER - MIKE BARTON 33 E. BROADWAY AVE. MERIDIAN, ID 83646 TELE: (208) 888-3579 MBARTON@MERIDIANCITY.ORG
LANDSCAPE ARCHITECT	JENSEN BELTS ASSOCIATES PROJECT MANAGER - BRUCE TAYLOR 1509 S. TYRELL LN. STE 130 BOISE, IDAHO 83706 TELE: (208) 343-7175 BRUCE@JENSENBELTS.COM
CIVIL ENGINEER	ERICKSON CIVIL, INC. PROJECT MANAGER - ROSS ERICKSON P.E. 6213 N. CLOVERDALE ROAD SUITE 125 BOISE, IDAHO 83712 TELE: (208) 846-8556 CELL: (208) 867-3954 ROSS@ERICKSONCIVIL.COM
PROFESSIONAL LAND SURVEYOR	IDAHO SURVEY GROUP PROJECT MANAGER - JOHN GLETNE P.L.S. 8955 W. EMERALD ST. BOISE, ID 83704 TELE: (208) 846-8570 JGLETNE@IDAHOSURVEY.COM
IRRIGATION	NAMPA MERIDIAN IRRIGATION DISTRICT GREG CURTIS 5525 E. GREENHURST ROAD NAMPA, IDAHO 83686 TELE: (208) 466-0663
CITY OF MERIDIAN	BUILDING DEPARTMENT 33 E. BROADWAY AVE. MERIDIAN, ID 83642 TELE: (208) 887-2211
ESCP PREPARER	J.E.C., LLC C/O JASON JONES 860 E. FRANKLIN RD. SUITE 307 MERIDIAN, ID 83642 TELE: (208) 340-2338

A GEOTECHNICAL INVESTIGATION WAS PERFORMED AS PART OF THE DESIGN OF THIS PROJECT BY MATERIALS TESTING & INSPECTION, INC. DATED MARCH 25TH, 2020. ALL CONDITIONS AND REQUIREMENTS CONTAINED THEREIN ARE HEREBY INCORPORATED IN TO THESE CONSTRUCTION PLANS AND CONTRACT FOR THE WORK BY REFERENCE. WHERE CONFLICTS EXIST BETWEEN THE GEOTECHNICAL INVESTIGATION AND THE PROJECT PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

VICINITY MAP



INDEX OF SHEETS

ESC.1	ESCP - COVER SHEET & NOTES
ESC.2	ESCP - PLAN SHEET AREA A
ESC.3	ESCP - PLAN SHEET AREA B
ESC.4	ESCP - BMP DETAILS

CONSTRUCTION BMP MAINTENANCE, INSPECTION + REPAIR

IT IS THE RESPONSIBLE PERSON'S RESPONSIBILITY TO INSPECT ALL EROSION AND SEDIMENT CONTROL FACILITIES. AT A MINIMUM, INSPECTION SHALL OCCUR EVERY [illegible] DAYS, AND AFTER STORM EVENTS [illegible]

ALL CONTROLS MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER SPECIFICATION AND GOOD ENGINEERING PRACTICES.

THE INSPECTION, MAINTENANCE AND REPAIR PROGRAM IS AS FOLLOWS:

[illegible]

ALLOWABLE NON-STORMWATER DISCHARGES

1. FIRE HYDRANT FLUSHINGS - LIKELY TO OCCUR AT FIRE HYDRANT LOCATIONS.
2. LANDSCAPE IRRIGATION - LIKELY TO OCCUR AT LANDSCAPED AREAS.
3. WATERS USED TO WASH VEHICLES AND EQUIPMENT - LIKELY TO OCCUR ADJACENT TO CONSTRUCTION ENTRANCE IN A CONTAINED AREA.
4. WATERS USED TO CONTROL DUST - LIKELY TO OCCUR ON THE ENTIRE SITE PRIOR TO PAVING AND PLACEMENT OF RECYCLED ASPHALT ROTOMILLINGS.
5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS - LIKELY TO OCCUR AT WATER MAIN [illegible] LOCATIONS.
6. PAVEMENT WASH WATERS - LIKELY TO OCCUR IN PAVED AREAS. PAVEMENT WASH WATERS SHALL BE PRETREATED FOR SEDIMENT PRIOR TO DISCHARGE TO RECEIVING FACILITY.
7. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE - LIKELY TO OCCUR ADJACENT TO THE AIR CONDITIONER UNITS.

THE SUCCESSFUL BIDDER SHALL UPDATE THE ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP - NO SEPARATE PAYMENT SHALL BE MADE.

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING

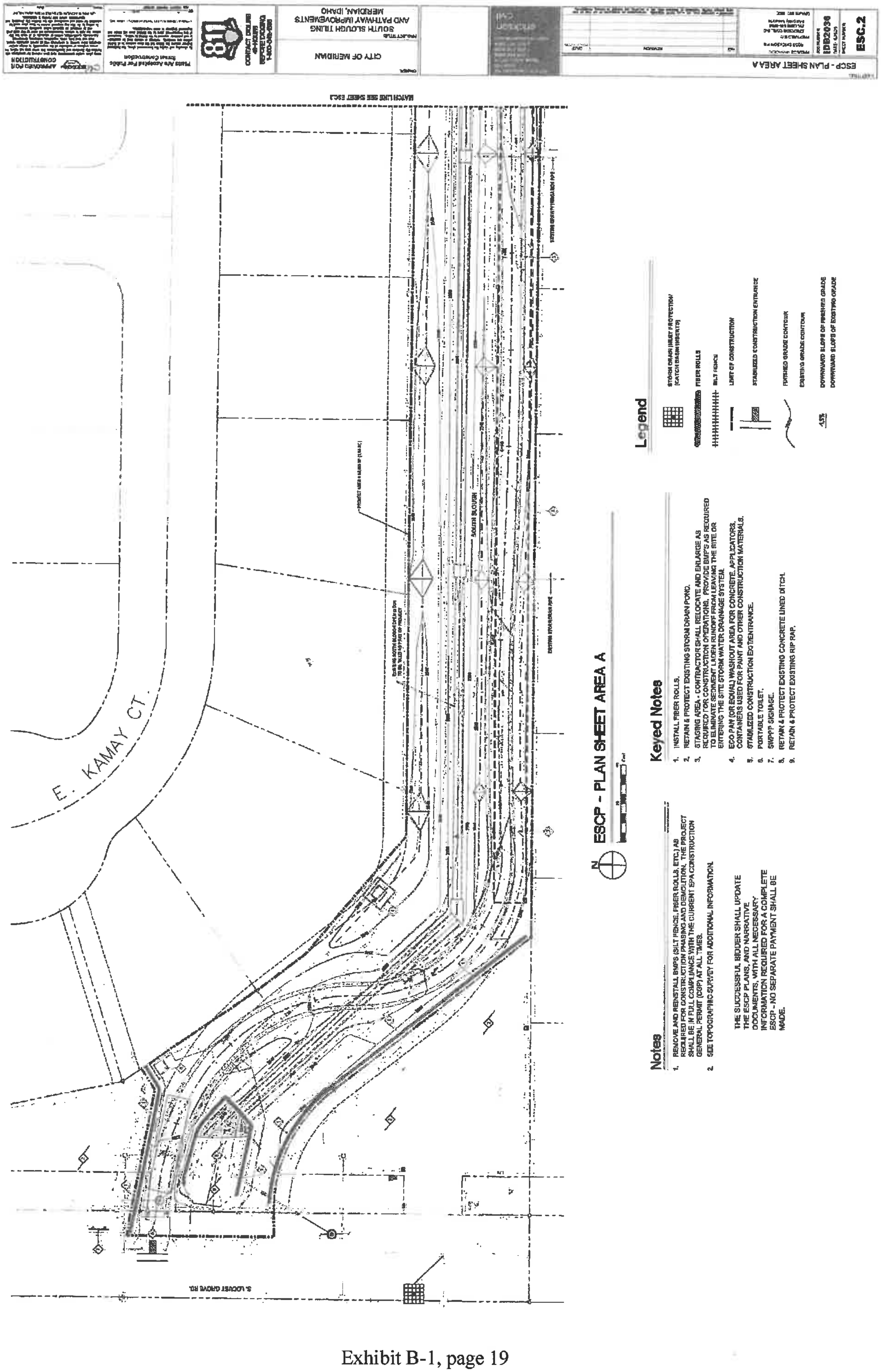
CITY OF MERIDIAN

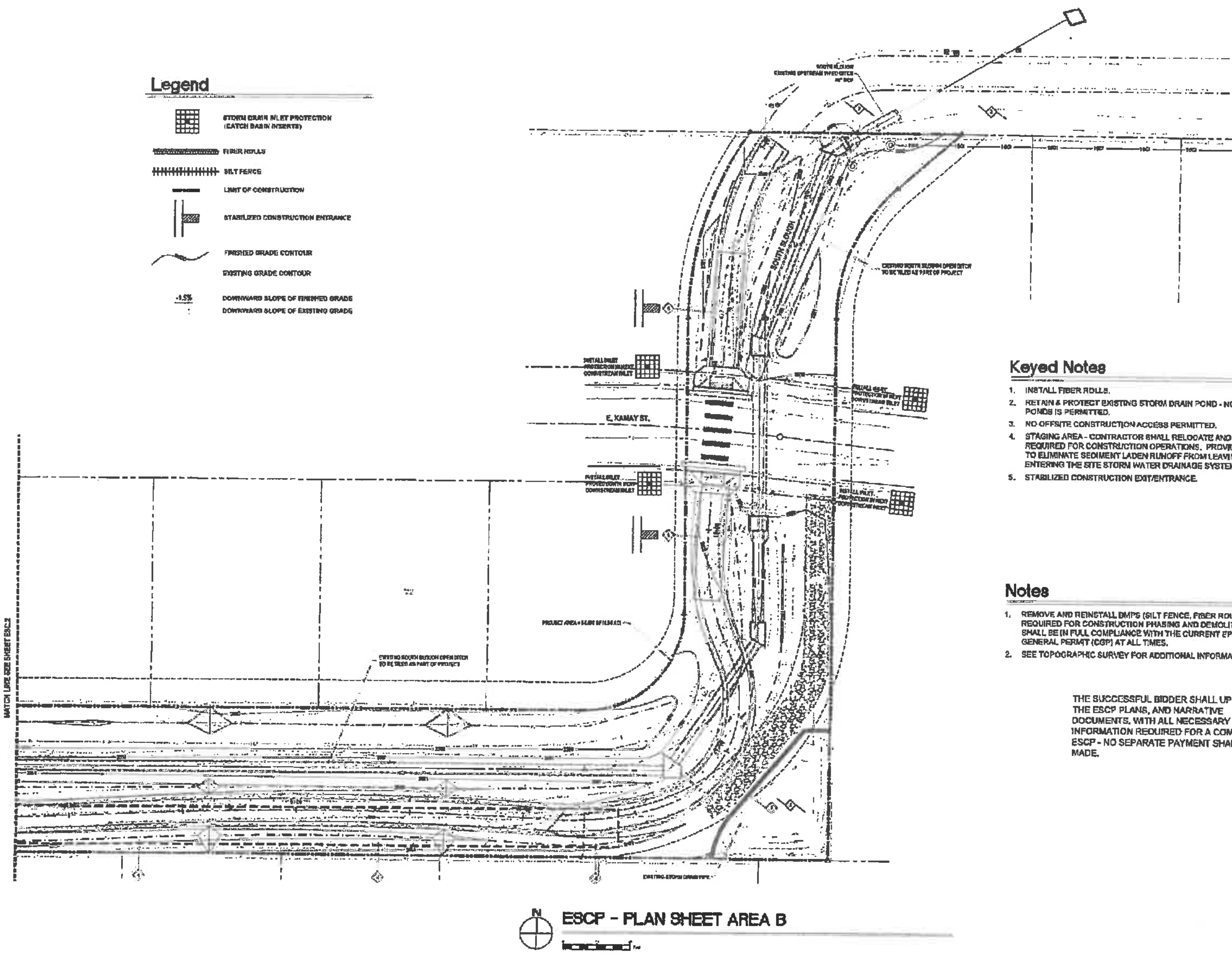
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

ESCP - COVER SHEET

IDB2036

ESC.1


ESCP - PLAN SHEET AREA A
E. KAMAY CT.
Keyed Notes
1. INSTALL FIBER ROLLS.
2. RETAIN & PROTECT EXISTING STORM DRAIN POND.
3. STAGING AREA - CONTRACTOR SHALL RELOCATE AND ENLARGE AS REQUIRED FOR CONSTRUCTION OPERATIONS. PROVIDE BMP'S AS REQUIRED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE OR ENTERING THE SITE STORM WATER DRAINAGE SYSTEM.
4. ECO PAN (OR EQUAL) WASHOUT AREA FOR CONCRETE, APPLICATORS, CONTAINERS USED FOR PAINT AND OTHER CONSTRUCTION MATERIALS.
5. STABILIZED CONSTRUCTION EXIT/ENTRANCE.
6. PORTABLE TOILET.
7. SWPPP SIGNAGE.
8. RETAIN & PROTECT EXISTING CONCRETE LINED DITCH.
9. RETAIN & PROTECT EXISTING RIP RAP.
Notes
1. REMOVE AND REINSTALL BMPS (SILT FENCE, FIBER ROLLS, ETC.) AS REQUIRED FOR CONSTRUCTION PHASING AND DEMOLITION. THE PROJECT SHALL BE IN FULL COMPLIANCE WITH THE CURRENT EPA CONSTRUCTION GENERAL PERMIT (CGP) AT ALL TIMES.
2. SEE TOPOGRAPHIC SURVEY FOR ADDITIONAL INFORMATION.
THE SUCCESSFUL BIDDER SHALL UPDATE THE ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP - NO SEPARATE PAYMENT SHALL BE MADE.
Legend
FIBER ROLLS
SILT FENCE
LIMIT OF CONSTRUCTION
STABILIZED CONSTRUCTION ENTRANCE
FINISHED GRADE CONTOUR
EXISTING GRADE CONTOUR
SOUTH SLOUGH
S. LOCUST GROVE RD.
CITY OF MERIDIAN
SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO
ESCP - PLAN SHEET AREA A
ESC.2



ESCP - PLAN SHEET AREA B

Keyed Notes

1. INSTALL FIBER ROLLS.
2. RETAIN & PROTECT EXISTING STORM DRAIN POND - NO DISCHARGE TO PONDS IS PERMITTED.
3. NO OFFSITE CONSTRUCTION ACCESS PERMITTED.
4. STAGING AREA - CONTRACTOR SHALL RELOCATE AND ENLARGE AS REQUIRED FOR CONSTRUCTION OPERATIONS. PROVIDE BMPS AS REQUIRED TO ELIMINATE SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE OR ENTERING THE SITE STORM WATER DRAINAGE SYSTEM.
5. STABILIZED CONSTRUCTION EXIT/ENTRANCE.

Notes

1. REMOVE AND REINSTALL BMPS (SILT FENCE, FIBER ROLLS, ETC.) AS REQUIRED FOR CONSTRUCTION PHASING AND DEMOLITION. THE PROJECT SHALL BE IN FULL COMPLIANCE WITH THE CURRENT EPA CONSTRUCTION GENERAL PERMIT (CGP) AT ALL TIMES.
2. SEE TOPOGRAPHIC SURVEY FOR ADDITIONAL INFORMATION.

THE SUCCESSFUL BIDDER SHALL UPDATE THE ESCP PLANS, AND NARRATIVE DOCUMENTS, WITH ALL NECESSARY INFORMATION REQUIRED FOR A COMPLETE ESCP - NO SEPARATE PAYMENT SHALL BE MADE.

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1585

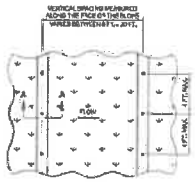
CITY OF MERIDIAN

SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

ESCP - PLAN SHEET AREA B

IDB2036

ESC.3



FIBER ROLLS

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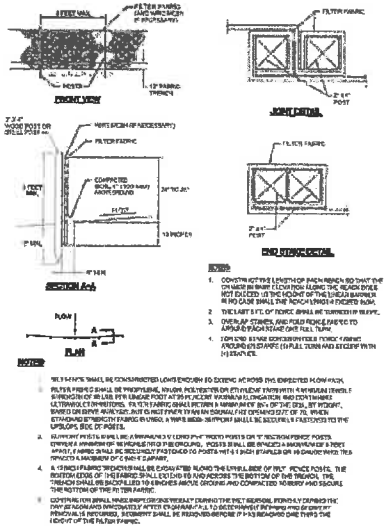

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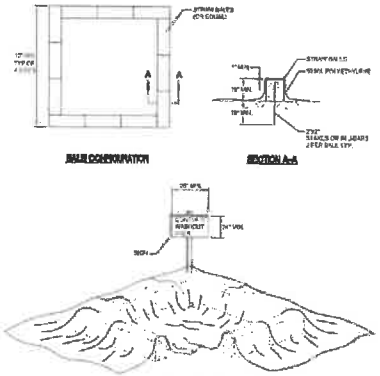

CONCRETE WASHOUT

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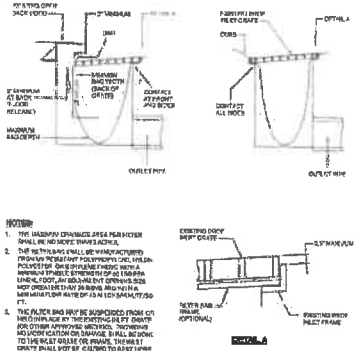

INLET PROTECTION FILTER BAG

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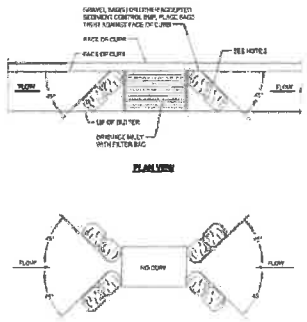

INLET PROTECTION SEDIMENT CONTROL

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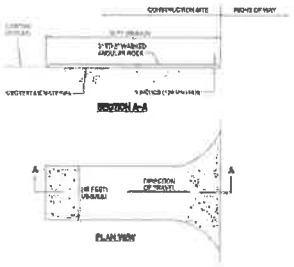

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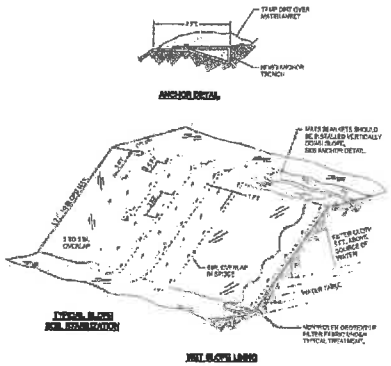
6 ESC.4



EROSION BLANKET

1 ESC.4

APPROVED FOR CONSTRUCTION

Plans Are Accepted For Public Street Construction

811 CONTACT DIGLINE 48-HOURS BEFORE DIGGING 1-800-342-1585

OWNER: CITY OF MERIDIAN

PROJECT TITLE: SOUTH SLOUGH TILING AND PATHWAY IMPROVEMENTS MERIDIAN, IDAHO

NO.	REVISION	DATE

ESCP - BMP DETAILS

PROJECT MANAGER: ROSS CROSBY

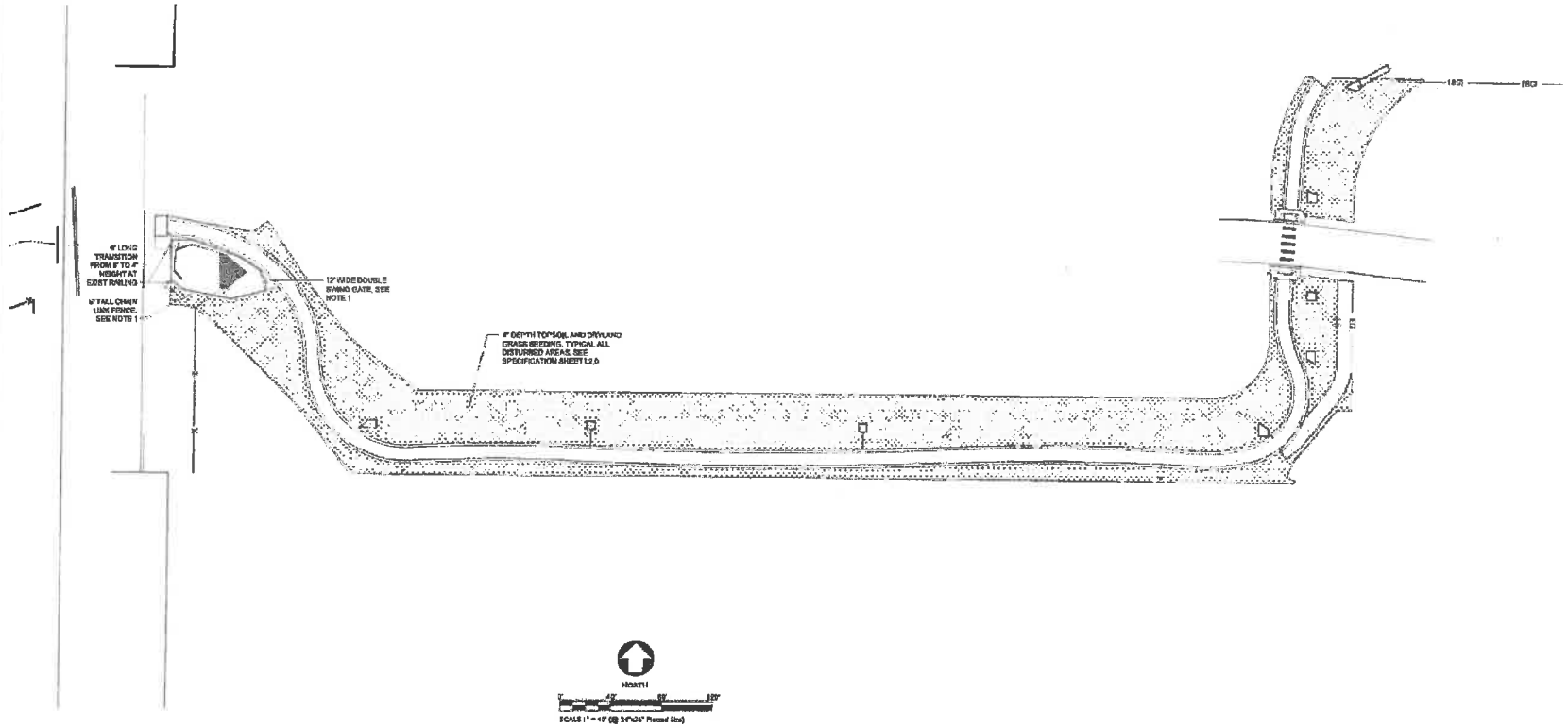
PREPARED BY: DAVID J. HAGEN, P.E. DATE: 1-25-19 DRAWN BY: DAVID J. HAGEN, P.E.

JOB NUMBER: IDB2036

DATE: 1-25-19

SHEET NUMBER: ESC.4

Exhibit B-1, page 21



NOTES

1. FENCE TO BE 6' TALL CHAIN LINK WITH BLACK POLYMER COATING. SEE SPECIFICATION SECTION 32 31 13 ON SHEET L2.1 FOR DESIGN INFORMATION.
2. ALL DISTURBED AREAS TO RECEIVE 4" THICKNESS TOPSOIL AND BE SEEDED WITH DRYLAND MIX. SEE SPECIFICATION SECTION 329119 AND 329200 ON SHEETS L2.1 AND L2.2. CONTRACTOR SHALL STRIP EXISTING TOPSOIL TO REUSE, INCLUDE 200 CUBIC YARDS OF IMPORT TOPSOIL AND INCLUDE PER CUBIC YARD UNIT PRICE FOR ANY ADDITIONAL IMPORT TOPSOIL REQUESTED BY THE CITY OF MERIDIAN.
3. LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION.

Issue Description	Date
NWD SUBMITTAL	5-25-23

JENSENBELTS ASSOCIATES

MERIDIAN PARKS AND RECREATION
SOUTH SLOUGH TILING
AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO 83646

SITE

Job Number 2049

Drawn JBA | Checked BWT
Scale AS SHOWN
Sheet Title
LANDSCAPE PLAN

Sheet Number
L1.0
Of Sheets

Description	Date
NMID SUBMITTAL	8-25-20

JENSENBELTS ASSOCIATES

MERIDIAN PARKS AND RECREATION
SOUTH SLOUGH TILING
AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO 83646

SITE

Job Number 2046

Drawn JBA	Checked BWT
Scale	AS SHOWN

Sheet Title

LANDSCAPE SPECIFICATIONS

Sheet Number

L2.1

Of Sheets

329115 Continued

3.4 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.

B. Perform the following tests and inspections:

1. Compaction: Test planting-soil compaction after placing each lift and at completion using a densitometer or soil-compaction meter calibrated to a reference test value based on laboratory testing according to ASTM D698. Space tests at no less than one for each 5000 sq. ft. of in-place soil or part thereof.

2. Performance Testing: For each amended planting-soil type, demonstrating compliance with specified performance requirements. Perform testing according to "Soil-Sampling Requirements" and "Testing Requirements" articles.

C. Soil will be considered defective if it does not pass tests and inspections.

D. Prepare test and inspection reports.

E. Label each sample and test report with the date, location keyed to a site plan or other location system, visible conditions when and where sample was taken, and sampling depth.

3.5 PROTECTION

A. Protect areas of in-place soil from additional compaction, disturbance, and contamination. Prohibit the following practices within these areas except as required to perform planting operations:

1. Storage of construction materials, debris, or excavated material.
2. Parking vehicles or equipment.
3. Vehicle traffic.
4. Foot traffic.
5. Erection of sheds or structures.
6. Impoundment of water.
7. Excavation or other digging unless otherwise indicated.

B. If planting soil or subgrade is overcompacted, disturbed, or contaminated by foreign or deleterious materials or liquids, remove the planting soil and contamination; restore the subgrade as directed by Architect and replace contaminated planting soil with new planting soil.

3.6 CLEANING

A. Protect areas adjacent to planting-soil preparation and placement areas from contamination. Keep adjacent paving and construction clean and work area in an orderly condition.

B. Remove surplus soil and waste material, including excess subsoil, unsuitable materials, trash, and debris, and legally dispose of them off Owner's property unless otherwise indicated.

1. Dispose of excess subsoil and unsuitable materials on-site where directed by Owner.

END OF SECTION 329115

SECTION 329200 - TURF AND GRASSES

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Seeding.
2. Hydroseeding.

1.2 DEFINITIONS

A. Finish Grade: Elevation of finished surface of planting soil.

B. Pesticide: A substance or mixture intended for preventing, destroying, repelling, or mitigating a pest. Pesticides include insecticides, miticides, herbicides, fungicides, rodenticides, and molluscicides. They also include substances or mixtures intended for use as a plant regulator, defoliant, or desiccant.

C. Pests: Living organisms that occur where they are not desired or that cause damage to plants, animals, or people. Pests include insects, mites, grubs, mollusks (snails and slugs), rodents (gophers, moles, and mice), unwanted plants (weeds), fungi, bacteria, and viruses.

D. Planting Soil: Existing, on-site soil; imported soil; or manufactured soil that has been modified with soil amendments and perhaps fertilizers to produce a soil mixture best for plant growth. See Section 329115 "Soil Preparation (Performance Specification)" for drawing designations for planting soils.

E. Subgrade: The surface or elevation of subgrade remaining after excavation is complete, or the top surface of a fill or backfill before planting soil is placed.

1.3 INFORMATIONAL SUBMITTALS

A. Qualification Data: For landscape Installer.

B. Certification of Grass Seed: From seed vendor for each grass-seed monomixture or mixture, stating the botanical and common name, percentage by weight of each species and variety, and percentage of purity, germination, and weed seed. Include the year of production and date of packaging.

C. Product Certificates: For fertilizers, from manufacturer.

D. Pesticides and Herbicides: Product label and manufacturer's application instructions specific to Project.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: Recommended procedures to be established by Owner for maintenance of turf during a calendar year. Submit before expiration of required maintenance periods.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: A qualified landscape installer whose work has resulted in successful turf establishment.

1. Professional Membership: Installer shall be a member in good standing of either the National Association of Landscape Professionals or AmericanHort.

2. Experience: Three years' experience in turf installation in addition to requirements in Section 014000 "Quality Requirements."

3. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on Project site when work is in progress.

4. Personnel Certifications: Installer's field supervisor shall have certification in one of the following categories from the National Association of Landscape Professionals:

a. Landscape Industry Certified Technician - Exterior.

b. Landscape Industry Certified Lawn Care Manager.

c. Landscape Industry Certified Lawn Care Technician.

5. Pesticide Applicator: State licensed, commercial.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws, as applicable.

B. Bulk Materials:

1. Do not dump or store bulk materials near structures, utilities, walkways and pavements, or on existing turf areas or plants.

2. Provide erosion-control measures to prevent erosion or displacement of bulk materials, discharge of soil-bearing water runoff, and airborne dust reaching adjacent properties, water conveyance systems, or walkways.

3. Accompany each delivery of bulk materials with appropriate certificates.

1.7 FIELD CONDITIONS

A. Planting Restrictions: Plant during one of the following periods. Coordinate planting periods with initial maintenance periods to provide required maintenance from date of Substantial Completion.

1. Planting: October 15 to March 30

B. Weather Limitations: Proceed with planting only when existing and forecasted weather conditions permit planting to be performed when beneficial and optimum results may be obtained. Apply products during favorable weather conditions according to manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 SEED

A. Grass Seed: Fresh, clean, dry, new-crop seed complying with AOSA's "Rules for Testing Seeds" for purity and germination tolerances.

B. Seed Species:

Quality, State Certified: State-certified seed of grass species as listed below for solar exposure.

2. Quality, Non-State Certified: Seed of grass species as listed below for solar exposure, with not less than 85 percent germination, not less than 95 percent pure seed, and not more than 0.5 percent weed seed:

Dryland Seed Mix shall be:

Name	lbs. PLS/Acre
'Sodar' Streambank Wheatgrass	6.75
'Bozoisky' Russian Wildrye	11.25
Crested Wheatgrass	11.25
Alkali Sacaton	4.0
Sheep Fescue	6.75
Total	45.0

2.2 MULCHES

A. Straw Mulch: Provide air-dry, clean, mildew- and seed-free, salt hay or threshed straw of wheat, rye, oats, or barley.

B. Fiber Mulch: Biodegradable, dyed-wood, cellulose-fiber mulch; nontoxic and free of plant-growth or germination inhibitors; with a maximum moisture content of 15 percent and a pH range of 4.5 to 6.5.

C. Nonasphaltic Tackifier: Colloidal tackifier recommended by fiber-mulch manufacturer for slurry application; nontoxic and free of plant-growth or germination inhibitors.

D. Asphalt Emulsion: ASTM D977, Grade SS-1; nontoxic and free of plant-growth or germination inhibitors.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas to be planted for compliance with requirements and other conditions affecting installation and performance of the Work.

1. Verify that no foreign or deleterious material or liquid such as paint, paint washout, concrete slurry, concrete layers or chunks, cement, plaster, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, or acid has been deposited in soil within a planting area.

2. Suspend planting operations during periods of excessive soil moisture until the moisture content reaches acceptable levels to attain the required results.

3. Uniformly moisten excessively dry soil that is not workable or which is dusty.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

C. If contamination by foreign or deleterious material or liquid is present in soil within a planting area, remove the soil and contamination as directed by Architect and replace with new planting soil.

3.2 PREPARATION

A. Protect structures; utilities; sidewalks; pavements; and other facilities, trees, shrubs, and plantings from damage caused by planting operations.

1. Protect adjacent and adjoining areas from hydroseeding and hydromulching overspray.

2. Protect grade stakes set by others until directed to remove them.

B. Install erosion-control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways.

3.3 TURF AREA PREPARATION

A. General: Prepare planting area for soil placement and mix planting soil according to Section 329115 "Soil Preparation (Performance Specification)."

B. Placing Planting Soil: Place and mix planting soil in place over exposed subgrade.

C. Moisten prepared area before planting if soil is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.

D. Before planting, obtain Architect's acceptance of finish grading; restore planting areas if eroded or otherwise disturbed after finish grading.

3.4 SEEDING

A. Sow seed with spreader or seeding machine. Do not broadcast or drop seed when wind velocity exceeds 5 mph.

1. Evenly distribute seed by sowing equal quantities in two directions at right angles to each other.

2. Do not use wet seed or seed that is moldy or otherwise damaged.

3. Do not seed against existing trees. Limit extent of seed to outside edge of planting saucer.

B. Sow seed at a total rate of [illegible].

C. Rake seed lightly into top 1/8 inch of soil, roll lightly, and water with fine spray.

D. Protect seeded areas with slopes not exceeding 1:6 by spreading straw mulch. Spread uniformly at a minimum rate of 2 tons/acre to form a continuous blanket 1-1/2 inches in loose thickness over seeded areas. Spread by hand, blower, or other suitable equipment.

1. Anchor straw mulch by crimping into soil with suitable mechanical equipment.

2. Bond straw mulch by spraying with asphalt emulsion at a rate of 10 to 13 gal./1000 sq. ft. Take precautions to prevent damage or staining of structures or other plantings adjacent to mulched areas. Immediately clean damaged or stained areas.

3.5 HYDROSEEDING

A. Hydroseeding: Mix specified seed and fiber mulch in water, using equipment specifically designed for hydroseed application. Continue mixing until uniformly blended into homogeneous slurry suitable for hydraulic application.

1. Mix slurry with nonasphaltic or fiber-mulch manufacturer's recommended tackifier.

Spray-apply slurry uniformly to all areas to be seeded in a one-step process. Apply slurry at a rate so that mulch component is deposited at not less than rate in Product dry weight, and seed component is deposited at not less than the specified seed-sowing rate.

1. Spray-apply slurry uniformly to all areas to be seeded in a two-step process. Apply first slurry coat at a rate so that mulch component is deposited at not less than rate in Product dry weight, and seed component is deposited at not less than the specified seed-sowing rate. Apply slurry cover coat of fiber mulch (hydromulching) at a rate of [illegible].

3.6 CLEANUP AND PROTECTION

A. Promptly remove soil and debris created by turf work from paved areas. Clean wheels of vehicles before leaving site to avoid tracking soil onto roads, walks, or other paved areas.

B. Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris, and legally dispose of them off Owner's property.

C. Erect temporary fencing or barricades and warning signs as required to protect newly planted areas from traffic. Maintain fencing and barricades throughout initial maintenance period and remove after plantings are established.

D. Remove nondegradable erosion-control measures after grass establishment period.

END OF SECTION 329200

Issue Description	Date
HARD SUBMITTAL	9-25-20

JENSENBELTS ASSOCIATES

[illegible]

1509 S Tyrell Ln, Ste 130
Boise, Idaho 83706
Ph. (208) 343-7175

e-mail [illegible]

MERIDIAN PARKS AND RECREATION
SOUTH SLOUGH TILING
AND PATHWAY IMPROVEMENTS
MERIDIAN, IDAHO 83646

SITE

Job Number 2046

Drawn JBA	Checked BWT
Scale	AS SHOWN

Sheet Title
LANDSCAPE SPECIFICATIONS

Sheet Number
L2.2
Of Sheets