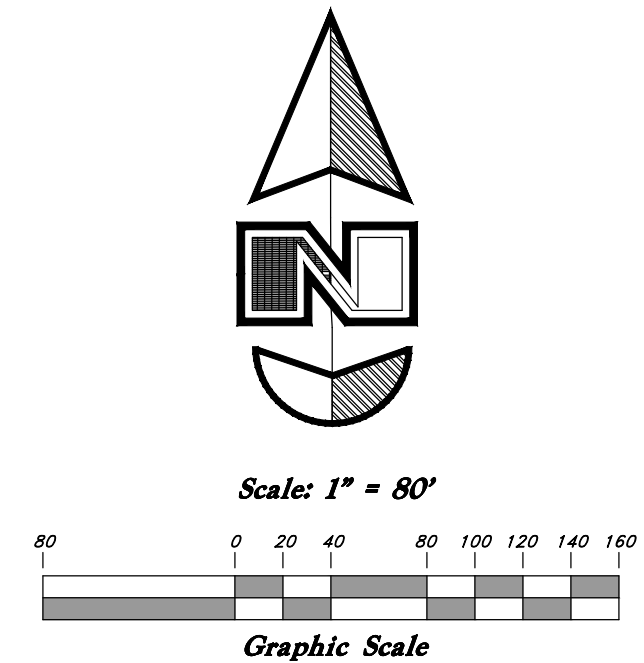


VICINITY MAP
Not to Scale



| Curve # | Delta | Radius | Length | Chord Direction | Chord Length |
|---------|-----------|--------|--------|-----------------|--------------|
| C1 | 90°28'24" | 10.00' | 15.79' | S 44°45'48" E | 14.20' |
| C2 | 90°00'00" | 10.00' | 15.71' | N 45°00'00" E | 14.14' |
| C3 | 49°59'41" | 15.00' | 13.09' | N 24°59'51" W | 12.68' |
| C4 | 52°53'52" | 55.00' | 50.78' | N 23°32'45" W | 48.99' |
| C5 | 87°05'49" | 55.00' | 83.61' | N 46°27'05" E | 75.79' |
| C6 | 87°05'49" | 55.00' | 83.61' | S 46°27'05" E | 75.79' |
| C7 | 52°53'52" | 55.00' | 50.78' | S 23°32'45" W | 48.99' |
| C8 | 49°59'41" | 15.00' | 13.09' | S 24°59'51" W | 12.68' |
| C9 | 90°00'00" | 10.00' | 15.71' | S 45°00'00" E | 14.14' |
| C10 | 89°29'13" | 10.00' | 15.62' | S 45°15'24" W | 14.08' |
| C11 | 89°38'45" | 10.00' | 15.65' | S 44°18'35" E | 14.10' |
| C12 | 90°21'15" | 10.00' | 15.77' | S 45°41'25" W | 14.19' |

DESCRIPTION

A part of the Southwest Quarter of Section 20 Township 6 North, Range 2 West, Salt Lake Base and Meridian, U.S. Survey;

Beginning at a point being 589.55' feet North 0°30'47" East along the Section line from the Southwest Corner of said Section 21, and West 33.00 feet; running thence North 89°57'30" West 709.53 feet; thence North 0°30'47" East 167.77 feet; thence North 89°02'03" West 168.69 feet; thence North 0°53'23" East 1113.79 feet; thence South 89°29'13" East 453.65 feet; thence South 0°48'38" West 235.99 feet; thence South 89°29'13" East 418.44 feet; thence South 0°30'47" West 1053.43 feet to the Point of Beginning.

Contains 22.91 Acres more or less

WEBER COUNTY COMMISSION ACCEPTANCE

WEBER COUNTY ENGINEER

This is to certify that this subdivision plat, the dedication of streets and other public ways and financial guarantee of public improvements associated with this subdivision, thereon are hereby approved and accepted by the Commissioners of Weber County, Utah this ___ day of ___, 2022.

I hereby certify that the required public improvement standards and drawings for this subdivision conform with County standards and the amount of the financial guarantee is sufficient for the installation of these improvements.

Signed this ___ day of ___, 2022.

Chairman, Weber County Commission

Weber County Engineer

Attest:

Title:

WEBER COUNTY ATTORNEY

WEBER COUNTY PLANNING COMMISSION APPROVAL

I have examined the financial guarantee and other documents associated with this subdivision plat, and in my opinion they conform with the County Ordinance applicable thereto and now in force and effect.

This is to certify that this subdivision plat was duly approved by the Weber County Planning Commission.

Signed this ___ day of ___, 2022.

WEBER COUNTY SURVEYOR

TAYLOR WEST WEBER WATER

I hereby certify that the Weber County Surveyor's Office has reviewed this plat and all conditions for approval by this office has been satisfied. The approval for this plat by the Weber County Surveyor does not relieve the Licensed Land Surveyor who executed this plat from the responsibilities and/or liabilities associated therewith.

This is to certify that this subdivision plat was duly approved by the Taylor West Weber Water.

Signed this ___ day of ___, 2022.

Taylor West Weber Water

Weber County Surveyor

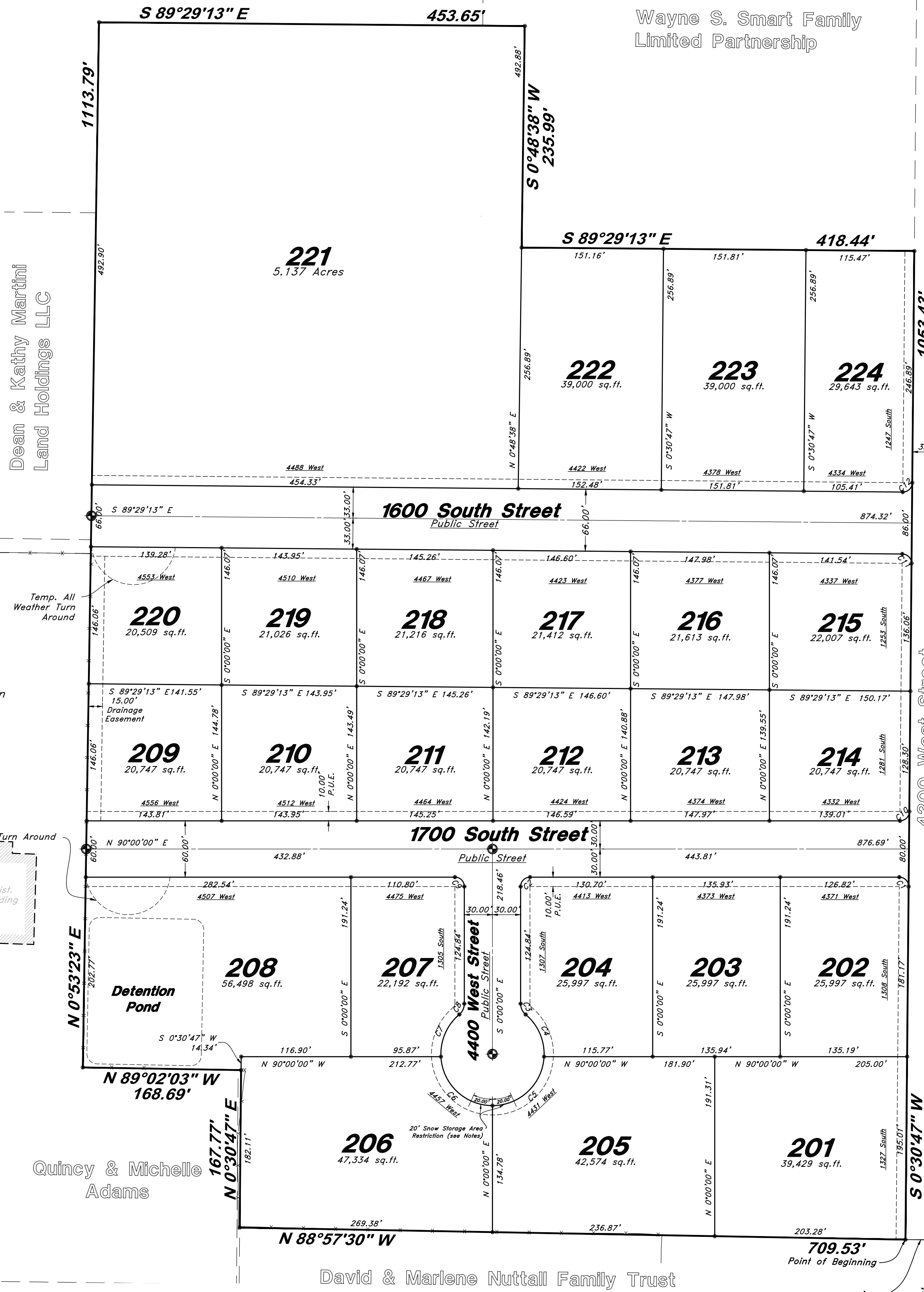
Record of Survey #

Smart Fields Phase 2

A Connectivity Incentivised Subdivision A part of the Southeast Quarter of Section 20, T6N, R2W, SLB&M, U.S. Survey Weber County, Utah September 2022

Dean & Kathy Martini
Land Holdings LLC

Wayne S. Smart Family
Limited Partnership



West Quarter corner of Section 21, T6N, R2W, SLB&M (Found Section Monument in good condition)

2632.69' (Arc 2632.67' WCS)

1053.43'

106

105

104

103

102

101

Smart Fields Phase 1

Weber School District

4300 West Street

1600 South Street
Public Street

1700 South Street
Public Street

4400 West Street
Public Street

Point of Beginning

709.53'

33.00'

N 90°00'00" W (West)

33.00'

N 0°30'47" E Basis of Bearing

589.55'

Southwest Corner of Section 21, T6N, R2W, SLB&M (Found Section Monument in good condition)

SURVEYOR'S CERTIFICATE

I, Andy Hubbard, do hereby certify that I am a Professional Land Surveyor in the State of Utah, and that I hold License No. 6242920 in accordance with Title 58, Chapter 22, of the Professional Engineers and Land Surveyors Licensing Act. I also certify that I have completed a survey of the property described hereon in accordance with Section 17-23-17 and that I have verified all measurements shown hereon this plat of Smart Fields Subdivision Phase 2 in Weber County, Utah and that it has been correctly drawn to the designated scale and is a true and correct representation of the following description of lands included in said subdivision, based on data compiled from records in the Weber County Recorder's Office. Monuments have been found or placed as represented on this plat. I furthermore certify that all lots within this Subdivision hereby meet all current lot width and area requirements of the Weber County Zoning Ordinance.

Signed this ___ day of ___, 2022.

6242920
License No.

Andy Hubbard

OWNERS DEDICATION

We the undersigned owners of the herein described tract of land, do hereby set apart and subdivide the same into Lots, and Public Streets as shown on the plat and name said tract Smart Fields Subdivision Phase 2 and also do grant and dedicate to Weber County a perpetual right and easement over, upon and under the lands designated hereon as public utility easements, the same to be used for the maintenance and operation of public utility service line and storm drainage facilities, whichever is applicable as may be authorized by the governing authority, with no buildings or structures being erected within such easements, and further dedicate to public use all those parts or portions of said tract of land designated as streets, the same to be used as public thoroughfares.

Signed this ___ Day of ___, 2022.

- Smart Fields Development LLC -

Pat Burns - Owner

ACKNOWLEDGMENT

State of Utah }
County of } ss

The foregoing instrument was acknowledged before me this ___ day of ___, 2022 by Dean & Kathy Martini Land Holdings LLC.

Residing At: _____ A Notary Public commissioned in Utah

Commission Expires: _____

Dean Martini

Kathy Martini

ACKNOWLEDGMENT

State of Utah }
County of } ss

The foregoing instrument was acknowledged before me this ___ day of ___, 2022 by Pat Burns - Smart Fields Development LLC.

Residing At: _____ A Notary Public commissioned in Utah

Commission Number: _____

Commission Expires: _____

Print Name

NARRATIVE

This Survey and Subdivision Plat were requested by Pat Burns for the purpose of subdividing the parcel into Twenty-four (24) Lots
Basis of bearing for this survey is North 0°30'47" East, measured from the West Quarter Corner of Section 21 and the Southwest Corner of Section 21 (Township 6 North, Range 2 West, Salt Lake Base and Meridian, U.S. Survey)
See Record of Survey for Boundary Retracement Details
Property Corners were set as depicted.

Legend

- Monument to be set
- Found Centerline Monument (Rad.) Radial Line (N/R) Non-Radial Line
- PUE Public Utility Easement
- PU&DE Public Utility & Drainage Easement
- Fence
- Buildable Area
- Pathway
- Easement
- Buildable area
- Existing Boundary
- Set Hub & Tack
- A will be set Nail in Curb
- Extension of Property
- Set 5/8" x 24" Long Rebar & Cap w/ Lathe

NOTES:

- A 10' wide front yard Public Utility and Drainage Easement as indicated by dashed lines, except as otherwise shown.
- Subdivision Area Information
Total Area 997,924 sq.ft.
Right of Way Area 128,131 sq.ft.
Lot Area 869,693 sq.ft.
- Agriculture is the preferred use in the agriculture zones. Agricultural operations as specified in the Land Use Code for a particular zone are permitted at any time including the operation of farm machinery and no allowed agricultural use shall be subject to restrictions on the basis that it interferes with activities of future residents of this subdivision.
- This subdivision was allowed flexible lot area and width in exchange for superior street connectivity. A subdivision amendment within any part of the overall subdivision boundary shall comply with Section 106-2-4.3 of the Weber County Code.
- Lot 221 will not be connected to Hooper Irrigation Pressurized Water system. Lot 221 will be flood irrigated.
- Snow Storage area Restrictions as shown in the cul-de-sac of this plat restrict any placement of Driveways, Fire Hydrants, Catch Basins, or Mail Boxes within the 40' Snow Storage area.

Sheet 1 of 1

| WEBER COUNTY RECORDER | |
|-----------------------|-----------------------------------|
| ENTRY NO. _____ | FEE PAID _____ |
| RECORDED _____ | FILED FOR RECORD AND AT _____ |
| RECORDED, PAGE _____ | IN BOOK _____ OF OFFICIAL RECORDS |
| FOR _____ | RECORDED FOR _____ |
| WEBER COUNTY RECORDER | |
| BY: _____ | DEPUTY |

NOT FOR RECORDING

ENGINEER:
Great Basin Engineering North
c/o Andy Hubbard, P.L.S.
Andy@greatbasineng.com
5746 South 1475 East, Suite 200
Ogden, Utah 84405
(801) 394-4515

DEVELOPER:
Lynn Construction, LLC
1407 North Mountain Road
Ogden, Utah
(801) 710-2234

Smart Fields Phase 2

A part of the Southwest Quarter of Section 21, T6N, R2W, SLB&M, U.S. Survey
Weber County, Utah
September 2022

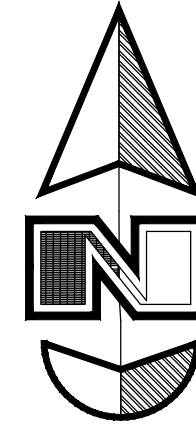


VICINITY MAP
Not to Scale

* See All Sheets*

NOTES

- All construction shall conform to Weber County standards and specifications.
- Underground utility piping materials will meet or exceed Weber County Standards.
- Culinary water services will be 1" CTS SDR9 HDPE to be centered on the frontage and extended 10' beyond the right of way line.
- 4" Sanitary sewer laterals to be constructed 10' down slope from the center of the lot and extended 10' beyond the right of way line.
- All utility trenches within the Street right of way shall have a County approved imported granular backfill.
- Thrust block all water line fittings.
- All inlet gates shall be bicycle safe.
- All fire hydrants and access roads shall be installed prior to any construction of any buildings.
- All fire hydrants shall be placed with 4 1/2 inch connections facing the point of access for the Fire Department Apparatus.
- Prior to the beginning of construction of any buildings, a fire flow test of new hydrants shall be conducted to verify the actual fire flow for this project. The Fire Prevention Division shall witness this test and shall be notified a minimum of 48 hours prior to the test.
- Curb & gutter will be set to ensure a 1.5% minimum/3.0% Maximum cross slope from edge of existing asphalt along 4300 West Street. Contractor to verify prior to construction of curb.
- An excavation permit is required for all work done within the existing Right of Way.
- A Storm Water Construction Activity Permit is required for any construction that disturbs more than 5000 Sq. Ft. or 200 Cubic Yards.
- All improvements need to be either installed or escrowed prior to recording of the subdivision.
- If construction activity will disturb more than an acre then a State SWPPP will be required. This includes the construction of the homes etc. on each lot.
- Roadways and signage shall comply with appendix D of the 2015 International Fire Code as adopted by Weber Fire District.
- Construct ADA Ramps with Truncated Domes with detectable warning systems cast in place, gray in color per APWA Plan 235.1.
- All culinary water facilities shall meet the requirements of the Taylor-West Weber Water Improvement District. Standard Details and Construction Specifications are available upon request to Taylorwestweberwater@msn.com or 801-731-1668. The District shall be notified at least 24 hours prior to and preconstruction meeting or construction activity.
- All Secondary Water facilities and infrastructure to meet Hooper Irrigation District Standards and Specifications



- NOT TO SCALE -

GENERAL UTILITY NOTES:

- Coordinate all utility connections to building with plumbing plans and building contractor.
- Verify depth and location of all existing utilities prior to constructing any new utility lines. Notify Civil Engineer of any discrepancies or conflicts prior to any connections being made.
- All catch basin and inlet box grates are to be bicycle proof.
- All inlet boxes located in curb and gutter are to be placed parallel to the curb and gutter and set under the frame and grate. Improperly placed boxes will be removed and replaced at no additional cost to the owner. Precast or cast in place boxes are acceptable.
- Refer to the site electrical plan for details and locations of electrical lines, transformers and light poles.
- Gas lines, telephone lines, and cable TV lines are not a part of these plans unless otherwise noted. Any reference to Gas, telephone, and Cable TV lines are done as a courtesy, location and depth must be verified before digging.
- Water meters are to be installed per water district standards and specifications. It will be the contractor's responsibility to install all items required.
- Water lines, valves, fire hydrants, fittings etc. are to be constructed as shown. Contractor is responsible to construct any vertical adjustments necessary to clear sewer, storm drain or other utilities as necessary including valve boxes and hydrant spools to proper grade.
- Field verify all existing and/or proposed Roof Drain/Root Drain down spout connections to Storm Water System with Civil, Plumbing & Architectural plans. Notify Engineer of any discrepancies.
- All gravity flow utility lines shall be installed prior to any pressurized utilities unless written permission is obtained from the engineer of record before construction begins.

UTILITY PIPING MATERIALS:

All piping to be installed per manufacturers recommendations. Refer to project specifications for more detailed information regarding materials, installation, etc.

CULINARY SERVICE LATERALS

- 1" to 2" diameter pipe - AWWA C901 HDPE CTS SDR9
- Over 2" diameter pipe - AWWA C-900 DR18 pipe

WATER MAIN LINES AND FIRE LINES

- Pipe material as shown on utility plan view or to meet County standards.

SANITARY SEWER LINES

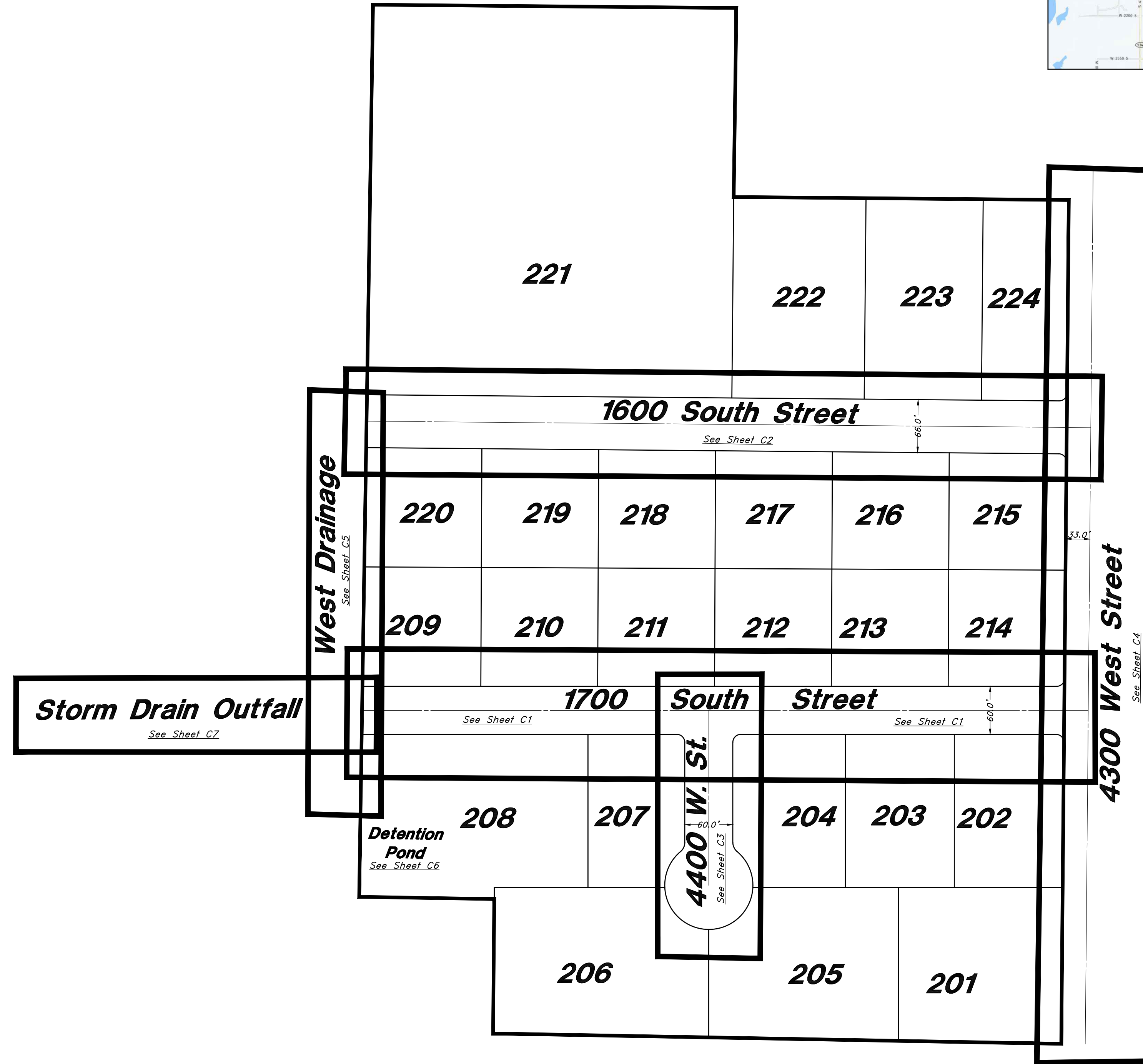
- All sewer piping to be Polyvinyl Chloride (PVC) sewer pipe, ASTM D 3034, Type PSM, SDR 35

STORM DRAIN LINES

- 10" pipes or smaller - Polyvinyl Chloride (PVC) sewer pipe, ASTM D3034, Type PSM, SDR 35
- 12" to 21" pipes - Reinforced Concrete Pipe, ASTM C14, Class III up to 13' of cover. For greater than 13' feet of cover, use reinforced concrete pipe and classes listed below.
- 24" pipes or larger - Reinforced Concrete Pipe, ASTM C76, Class III up to 13' of cover, Class IV for 13' to 21' of cover, Class V for 21' to 32' of cover, and Special Design for cover greater than 32 feet.

SECONDARY WATER MAIN LINES

- C-900 DR-18 Pipe, Purple in Color

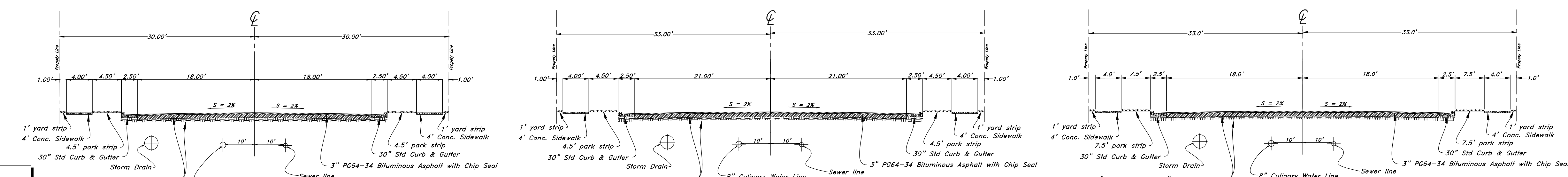


Legend

- (Note: All items may not appear on drawing)
- San. Sewer Manhole
 - Water Manhole
 - Storm Drain Manhole
 - Cleanout
 - Electrical Manhole
 - Catch Basins
 - Exist. Fire Hydrant
 - Fire Hydrant
 - Exist. Water Valve
 - Water Valve
 - Sanitary Sewer
 - Culinary Water
 - Gas Line
 - Irrigation Line
 - Storm Drain
 - Telephone Line
 - Secondary Waterline
 - Power Line
 - Fire Line
 - Land Drain
 - Power pole
 - Power pole w/guy
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power Line
 - Corrugated Metal Pipe
 - Concrete Pipe
 - Reinforced Concrete Pipe
 - PVC
 - Ductile Iron
 - Polyvinyl Chloride
 - Top of Asphalt
 - Edge of Asphalt
 - Centerline
 - Flowline
 - Finish Floor
 - Top of Curb
 - Top of Wall
 - Top of Concrete
 - Top of Walk
 - Natural Ground
 - Finish Grade
 - Match Existing
 - Match Existing
 - Fire Department Connection
 - Finish Contour
 - Exist. Contour
 - Finish Grade
 - Exist. Grade
 - Ridge Line
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Existing Concrete
 - New Concrete

TABLE OF CONTENTS

- C0. Cover Sheet
- C1. 1700 South Street
- C2. 1600 South Street
- C3. 4400 West Street
- C4. 4300 West Street
- C5. West Drain Outfall
- C6. Pond Exhibit
- C7. Storm Drain Outfall
- C8. Pressurized Utilities
- C9. Details
- C10. Details



Standard 60' Roadway Section
1700 S. & 4400 W.

66' Wide Roadway Section
4300 W.

66' Wide Roadway Section
1600 S.

CAUTION NOTICE TO CONTRACTOR
The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.



NOT FOR CONSTRUCTION

GREAT BASIN ENGINEERING
 5746 SOUTH 1475 EAST OGDEN, UTAH 84403
 MAIN (801)394-4451 SLLC (801)521-0222 FAX (801)392-7544
 WWW.GREATBASINENGINEERING.COM

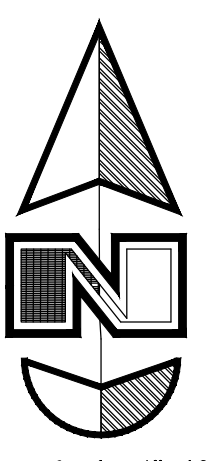
Cover Sheet
Smart Fields Phase 2
 Approx. 1800 South 4300 West Street
 A part of Section 21, T6N, R2W, SLB&M, U.S. Survey

September 2022
 SHEET NO. **C0**
 21N700

Legend

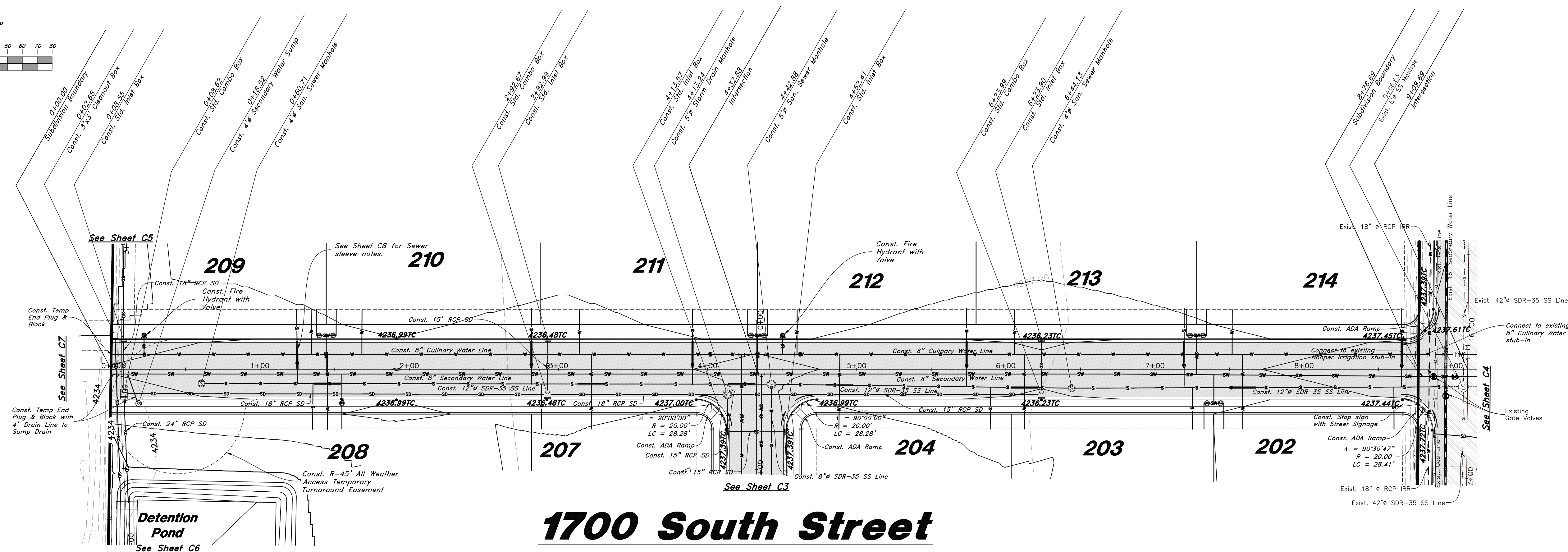
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- Son. Sewer Manhole
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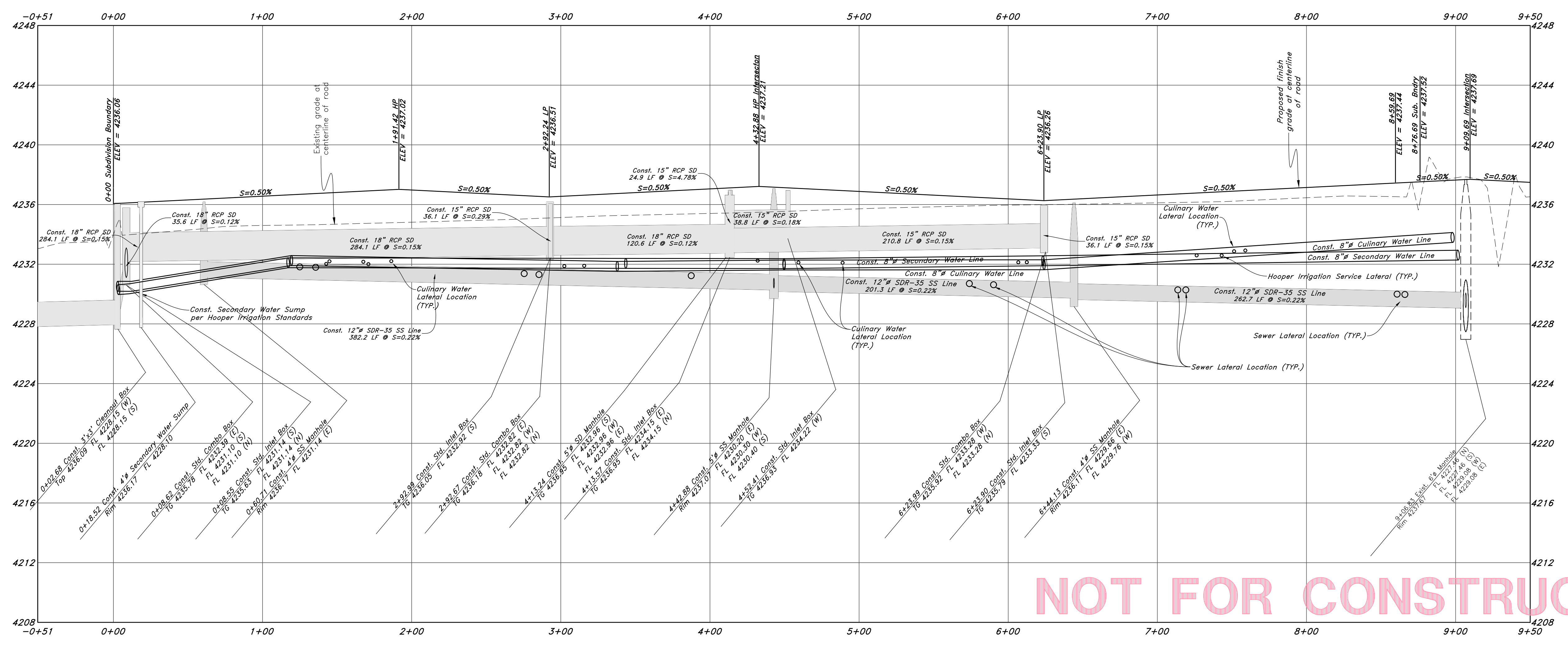


Hors. Scale: 1"=40'
Vert. Scale: 1"=4'

Graphic Scale



1700 South Street



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GREAT BASIN ENGINEERING

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MAIN (801)394-4515 S.L.L.C. (801)521-0222 FAX (801)392-7544
WWW.GREATBASINENGINEERING.COM

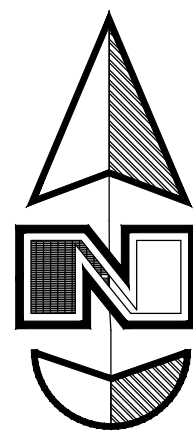
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Smart Fields Phase 2
Approx. 1800 South, 4300 West Street
Weber County, Utah
A part of Section 21, T6N, R2W, SLB&M, U.S. Survey

September 2022

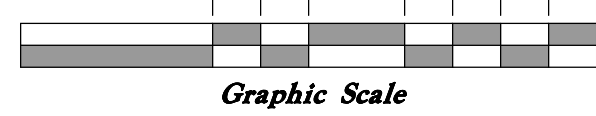
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21N700



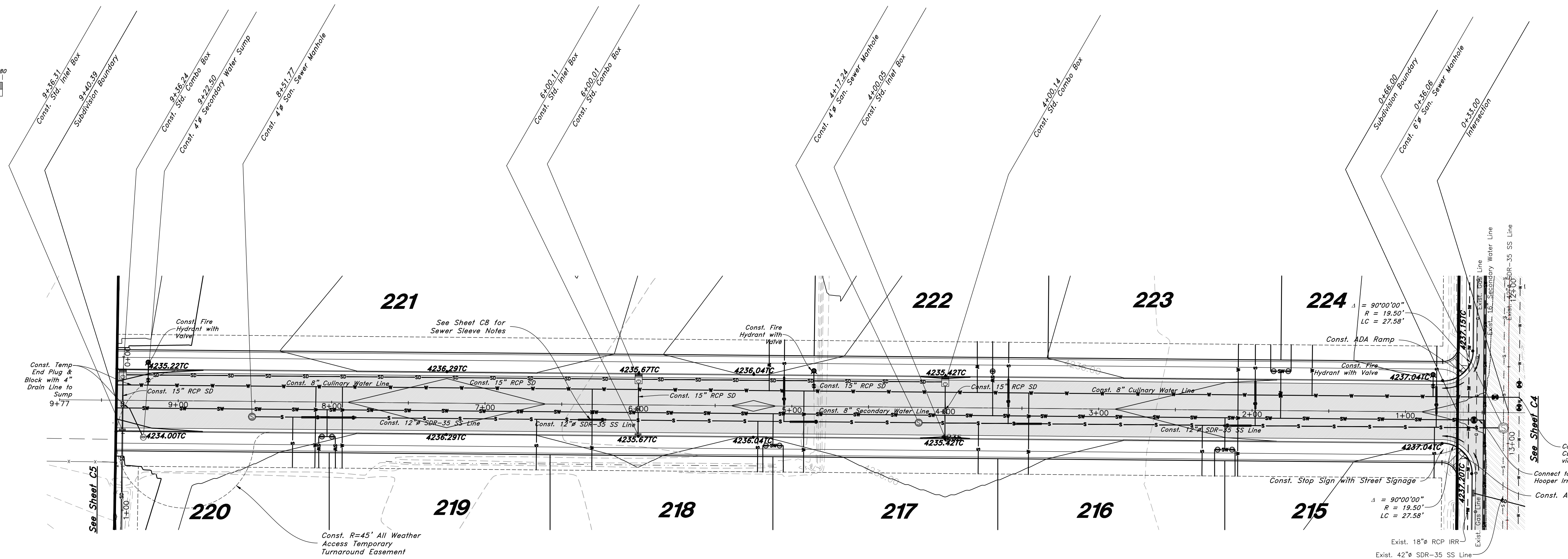
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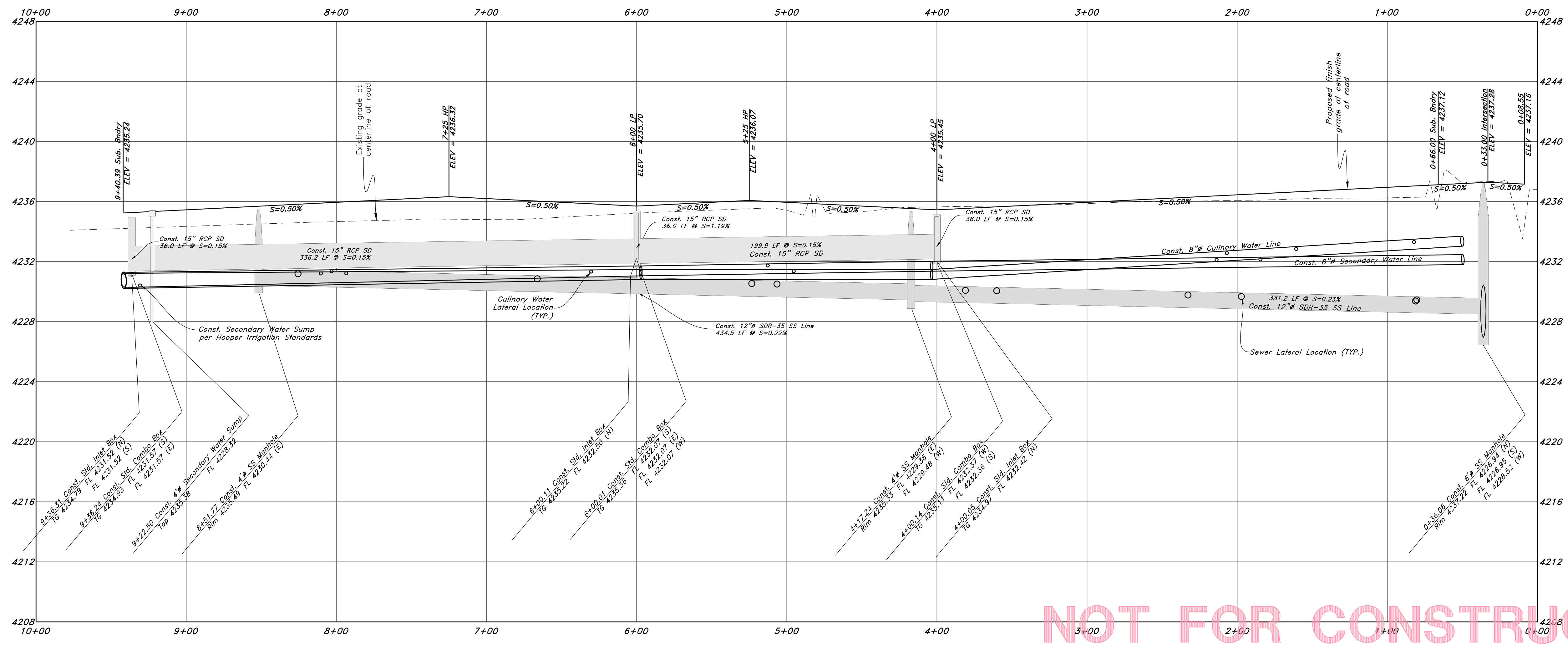
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- Son. Sewer Manhole
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- Exist. Contour
- Exist. Grade
- Ridge Line
- Direction of Flow
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- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Curb & Gutter



1600 South Street



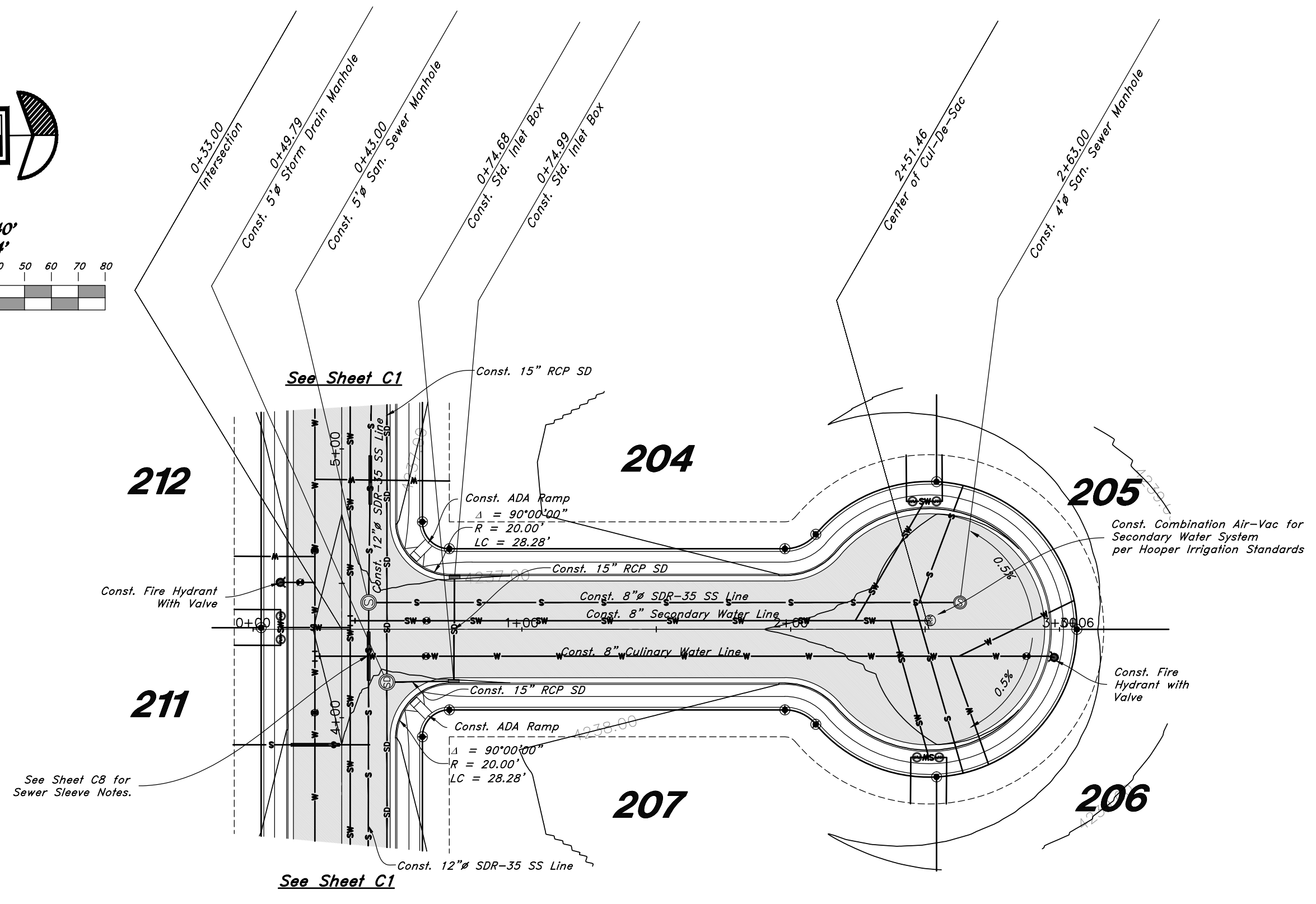
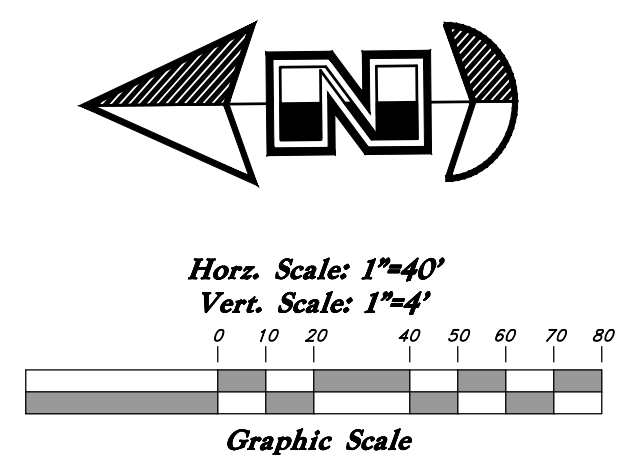
NOT FOR CONSTRUCTION

GREAT BASIN ENGINEERING

5746 SOUTH 1475 EAST OGDEN, UTAH 84403
MAIN (801)394-4515 S.L.L.C. (801)521-0222 FAX (801)392-7544
WWW.GREATBASINENGINEERING.COM

Plan & Profile 1600 South
Smart Fields Phase 2
Approx. 1800 South, 4300 West Street
Approx. Weber County, Utah
A part of Section 21, T6N, R2W, SLB&M, U.S. Survey

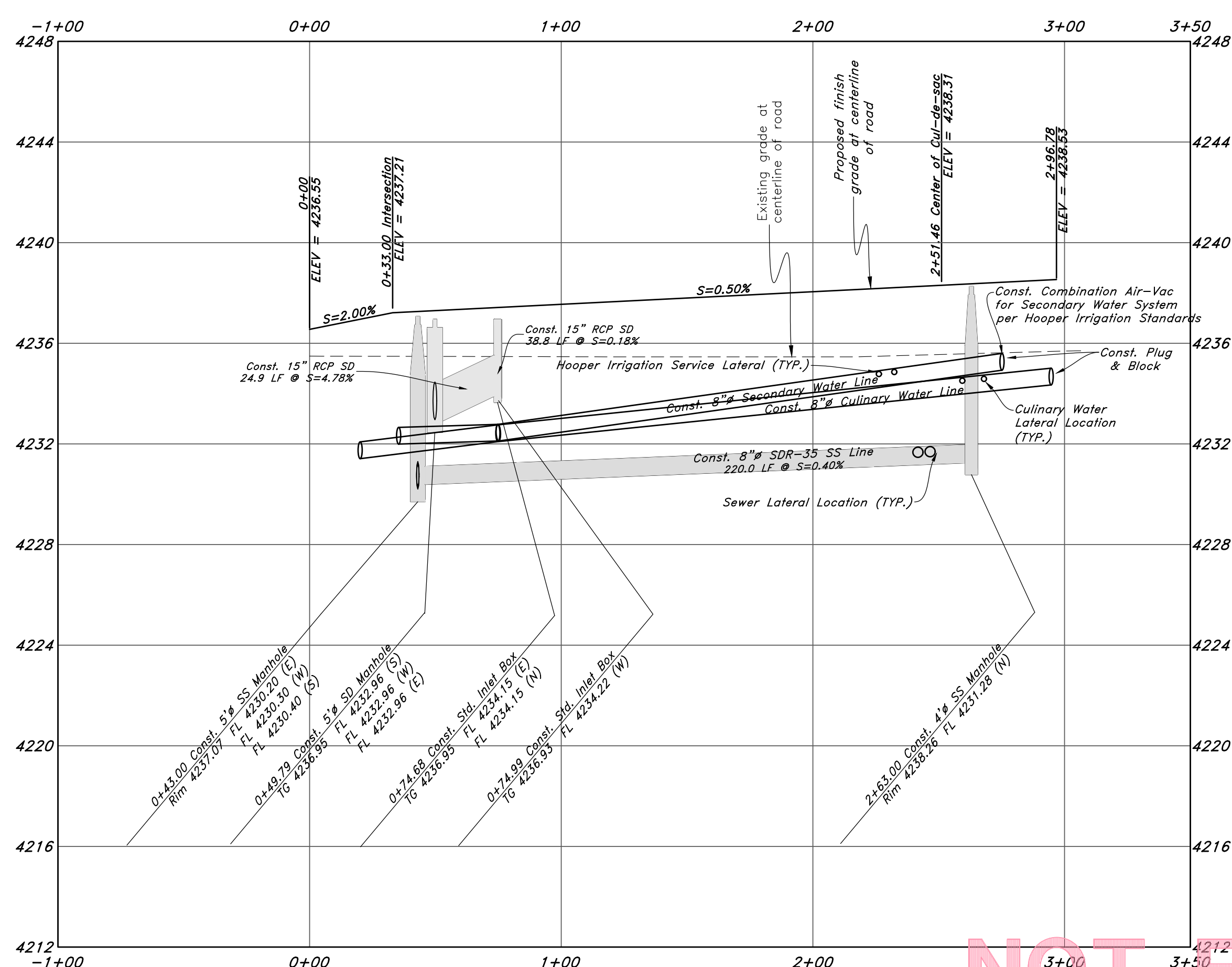
September 2022
SHEET NO.
C2
21N700



Legend

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 - TA
 - EA
 - CL
 - FL
 - FF
 - TC
 - TW
 - TW
 - TCN
 - NG
 - 90
 - 90
 - 95.32TA
 - 95.72TA
 - R
 - Direction of Flow
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 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Curb & Gutter

4400 West Street



NOT FOR CONSTRUCTION

GREAT BASIN ENGINEERING
 5746 SOUTH 1475 EAST OGDEN, UTAH 84403
 MAIN (801)394-4515 S.L.C. (801)521-0222 FAX (801)392-7544
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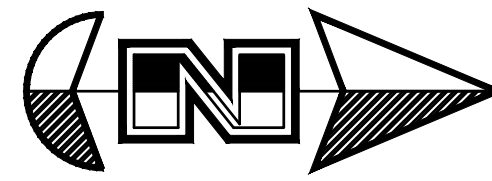
Plan & Profile 4400 West
Smart Fields Phase 2
 Approx. 1800 South, 4300 West Street
 A part of Section 21, T6N, R2W, SLB&M, U.S. Survey

September 2022

SHEET NO.

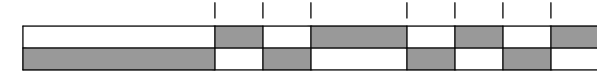
C3

21N700



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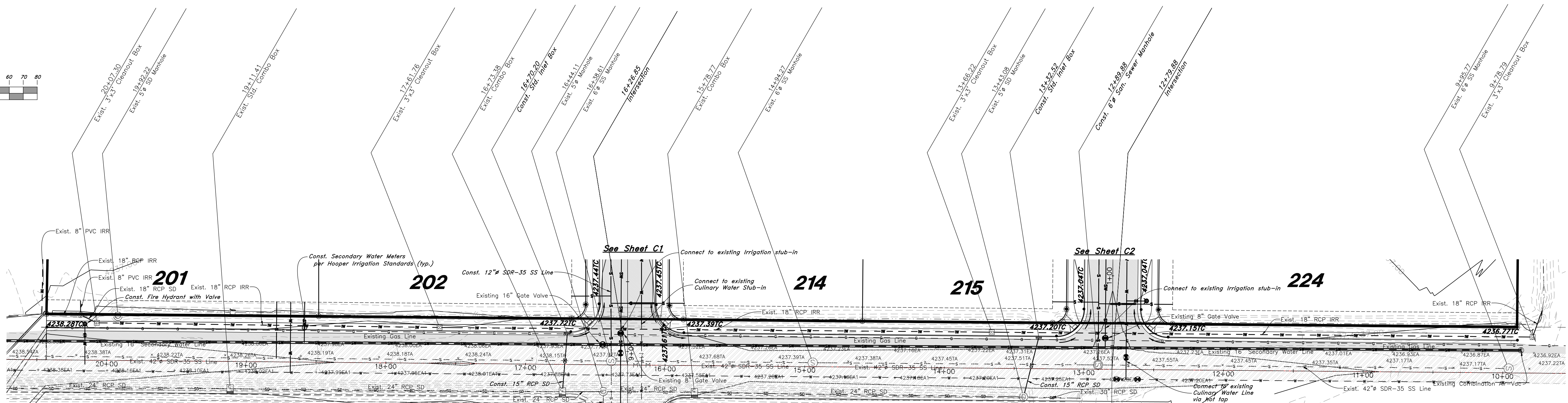


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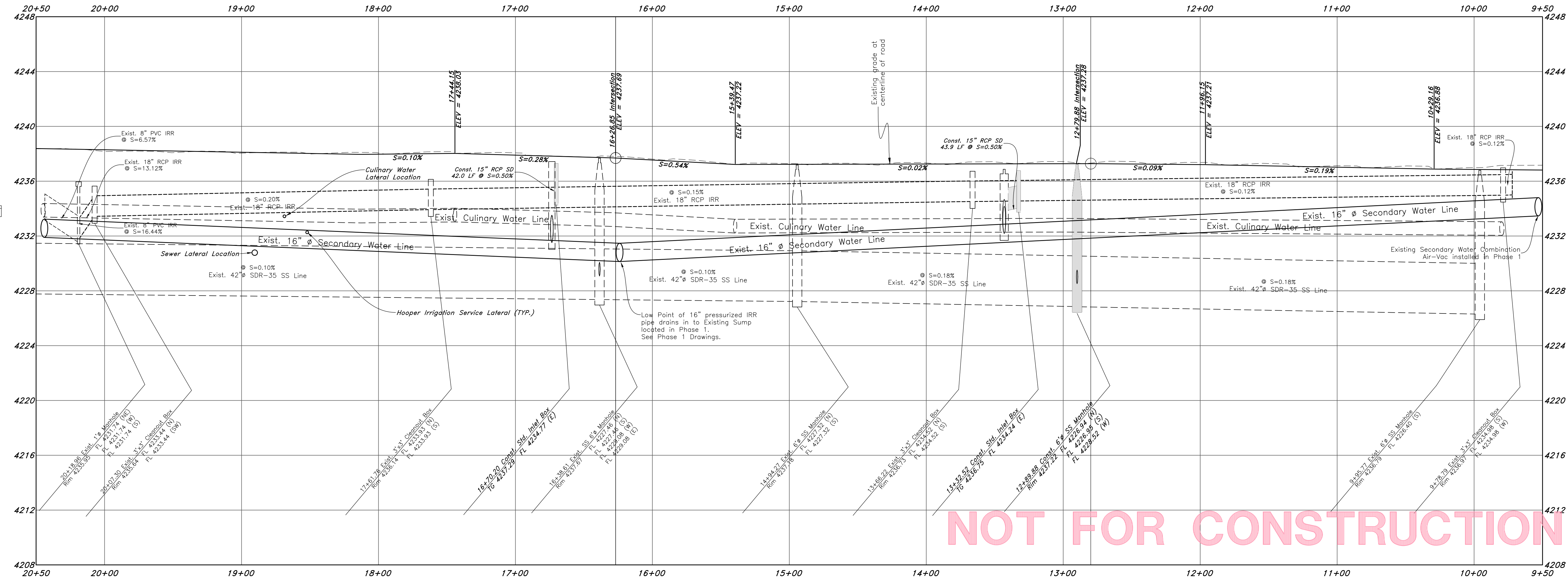
Legend

(Note: All items may not appear on drawing)

- San. Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
- Exist. Water Valve
- Water Valve
- Sanitary Sewer
- Culinary Water
- Gas Line
- Irrigation Line
- Storm Drain
- Telephone Line
- Secondary Waterline
- Power Line
- Fire Line
- Land Drain
- Power pole w/guy
- Light Pole
- Fence
- Flowline of ditch
- Overhead Power line
- Corrugated Metal Pipe
- Concrete Pipe
- Reinforced Concrete Pipe
- Ductile Iron
- PVC
- Top of Asphalt
- Edge of Asphalt
- Centerline
- Flowline
- Finish Floor
- Top of Curb
- Top of Wall
- Top of Walk
- Top of Concrete
- Natural Ground
- Finish Contour
- Exist. Contour
- Finish Grade
- Exist. Grade
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Curb & Gutter



4300 West Street



NOT FOR CONSTRUCTION

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
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| | | |

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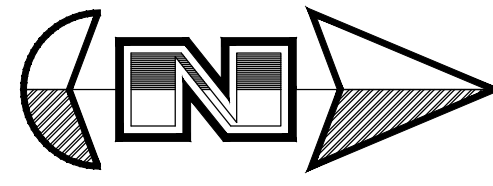
5746 SOUTH 1475 EAST, SUITE 100, SALT LAKE CITY, UTAH 84143
 WWW.GREATBASINENGINEERING.COM

Plan & Profile 4300 West

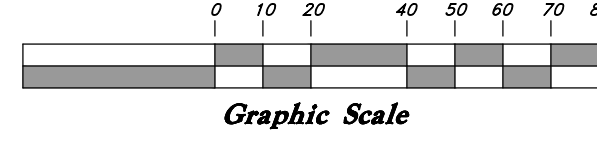
Smart Fields Phase 2

Approx. 1800 South 4300 West Street
 Weber County, Utah

A part of Section 21, T6N, R2W, SLB&M, U.S. Survey



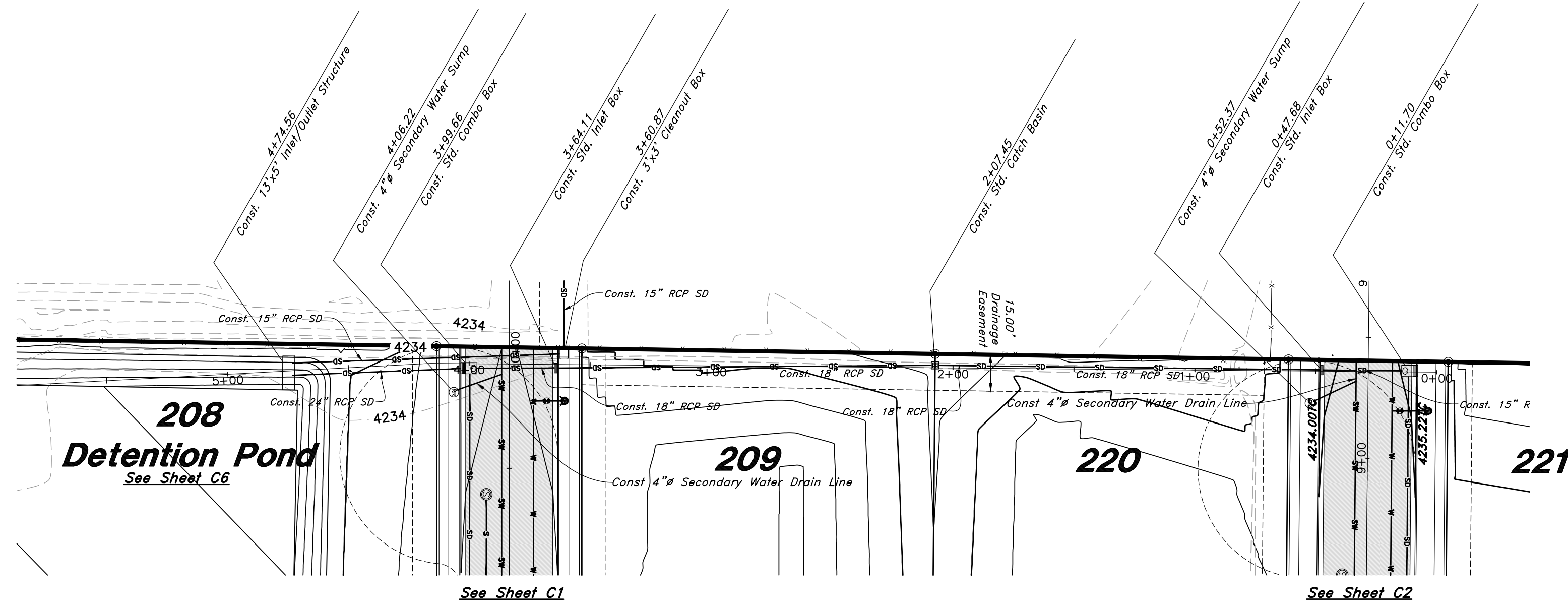
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Vert. Scale: 1"=4'



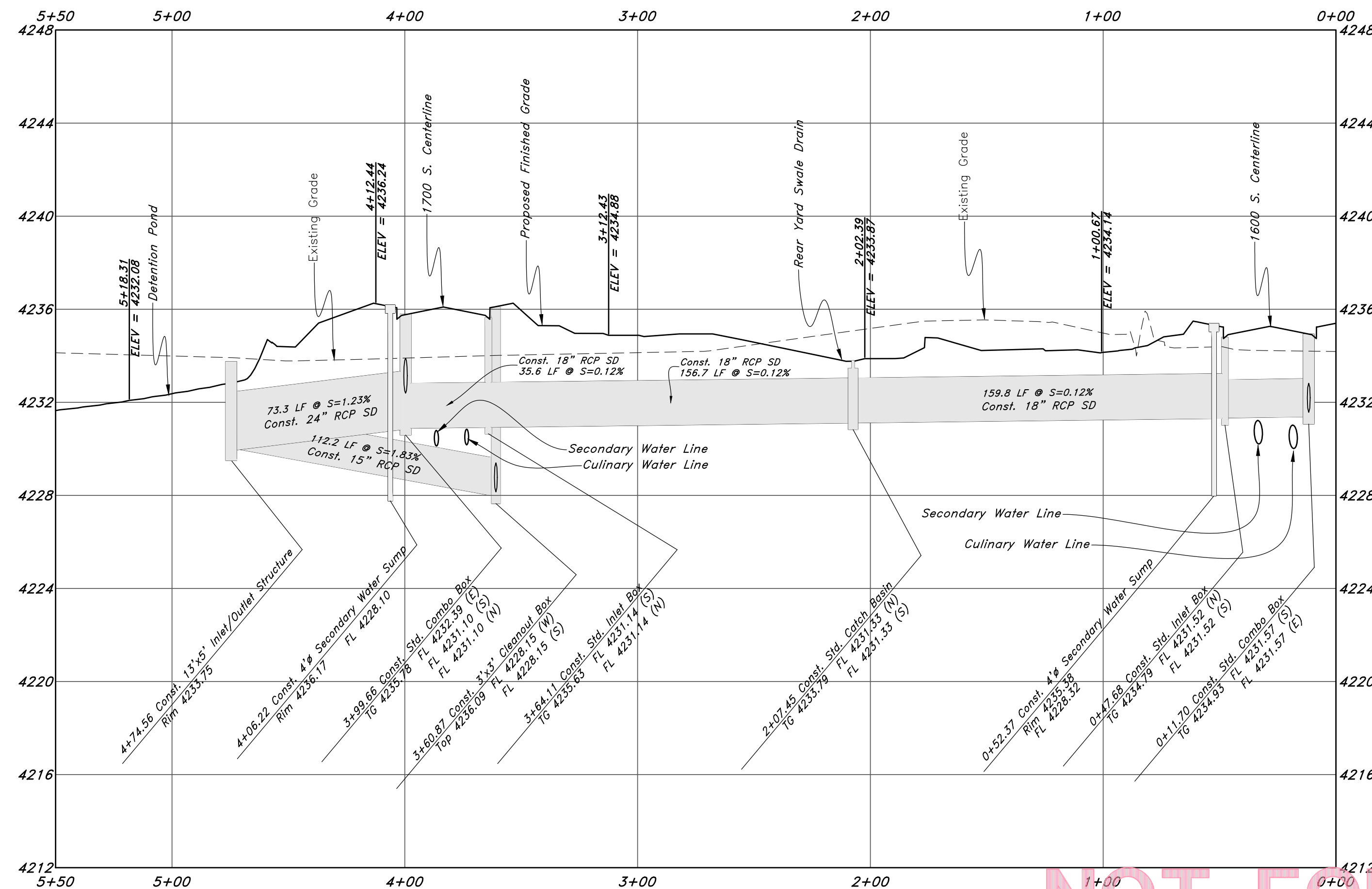
Legend

(Note: All items may not appear on drawing)

- San. Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
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- Corrugated Metal Pipe
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- Exist. Grade
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- Heavy Duty Asphalt
- Concrete
- Curb & Gutter



Western Drainage



NOT FOR CONSTRUCTION

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801.874.4515 • SLB@GREATBASINENGINEERING.COM
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Plan & Profile Western Drainage
Smart Fields Phase 2
Approx. 1800 South 4300 West Street
Weber County, Utah
A part of Section 21, T6N, R2W, SLB&M, U.S. Survey

September 2022

SHEET NO.
C5

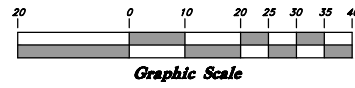
21N700

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
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| | | |
| | | |

Pond Exhibit for Smart Fields Phase 2



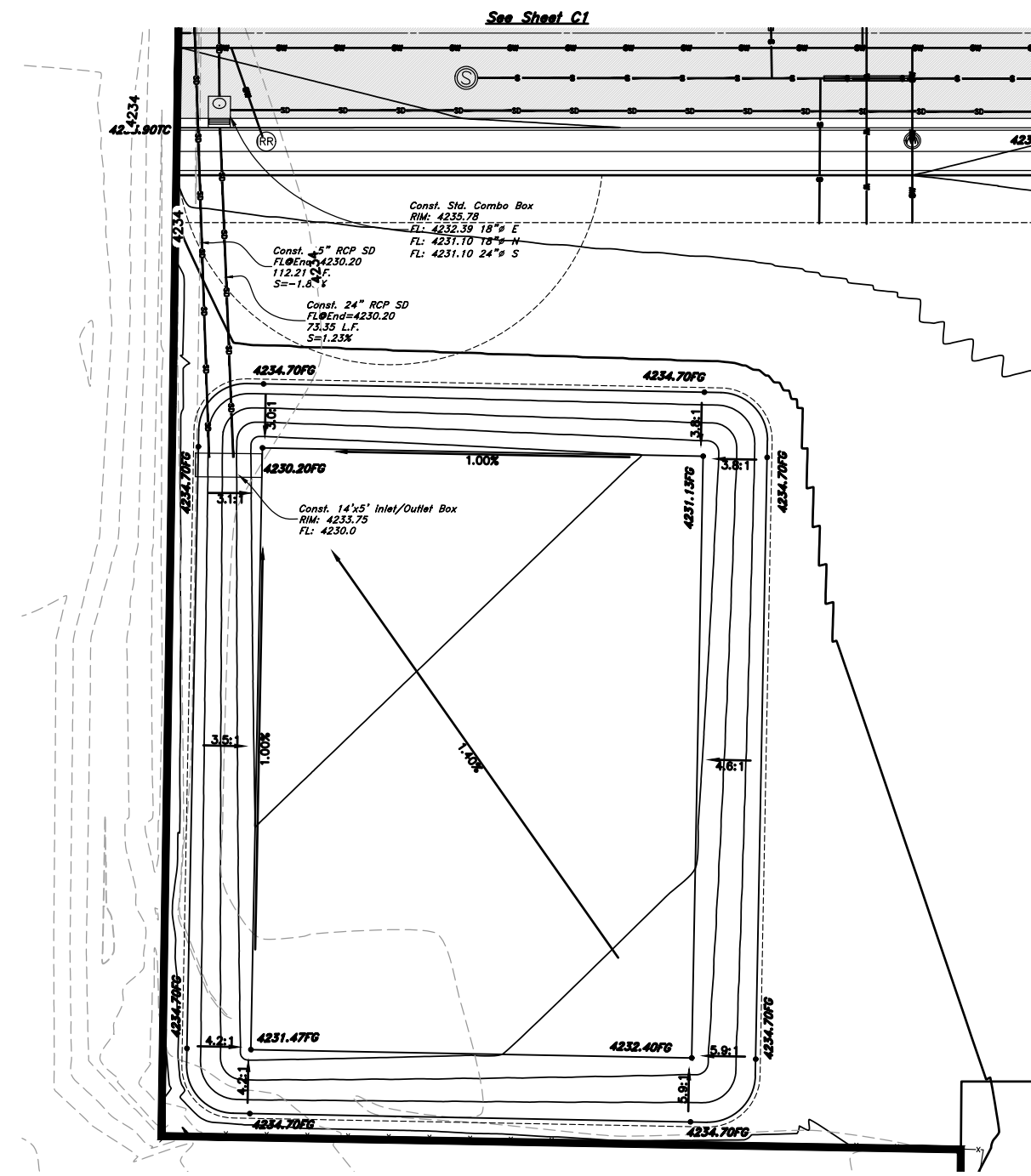
Scale: 1" = 20'



Legend

(Note: All items may not appear on drawing)

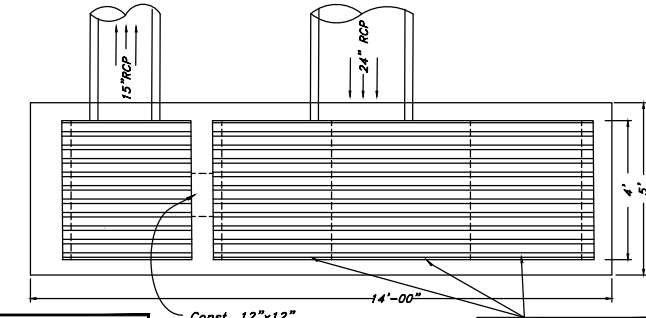
- San Sewer Manhole
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- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
- Exist. Water Valve
- Water Valve
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- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
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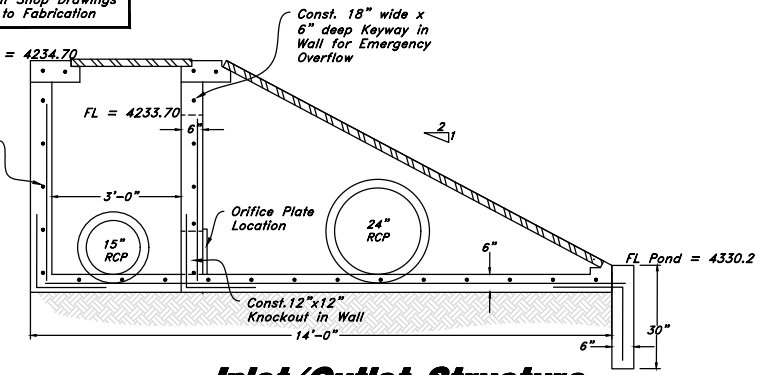
Detention Pond

POND NOTES:

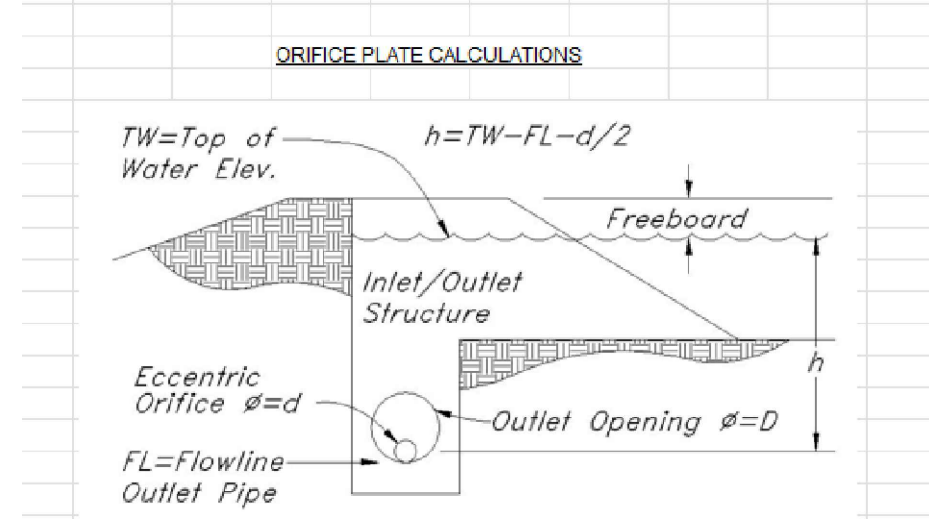
1. Pond designed to accommodate the 100yr-24hr storm.
2. Retention pond volume required: 32,351 cf
3. Retention pond volume provided: 33,669 cf
4. Excess volume: 1318cf
5. Top of soil rim: 4234.70
6. Top of water: 4233.70
7. Freeboard: 12"
8. Bottom of pond 4230.20
9. Maximum pond depth: 3.50'
10. Pond side slopes not to exceed 3:1
11. Pond will be landscaped.
12. Pond will emergency overflow west to the adjacent slough.
13. Emergency over flow device located within inlet/outlet structure.



Note: Reinforce Walls and Floor with #4 bars @ 12" O.C. (Both Directions).
Submit Shop Drawings Prior to Fabrication



Inlet/Outlet Structure
Not to Scale



$$Q_{orif} = 0.62 \cdot A_o \cdot \sqrt{64.4 \cdot h}$$

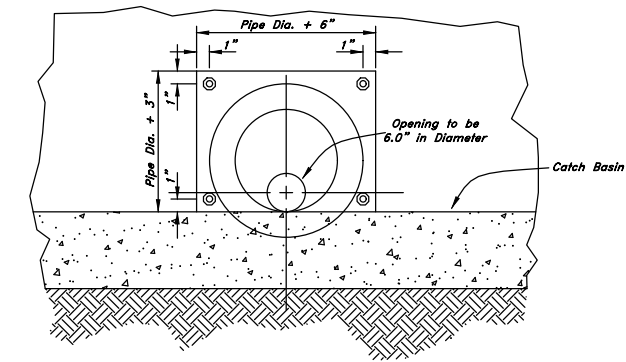
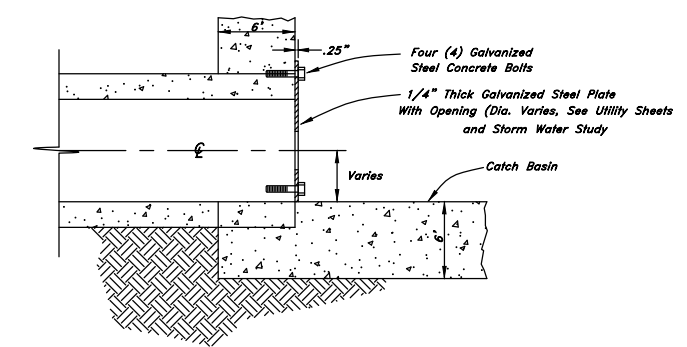
$$A_o = \frac{\pi \cdot d^2}{4}$$

$$h = TW - FL - \frac{d}{2}$$

$$Q_{req} = Q_{orif}$$

Let $\Delta = Q_{req} - Q_{orif}$, and Goal Seek Δ to zero by changing "trial d".

| | |
|-------------|-------------|
| TW = | 33.70 |
| FL = | 30.20 |
| Q_{req} = | 1.763 cfs |
| trial d = | 0.5003 ft |
| Δ = | 0.000 ft |
| d = | 6.00 inches |



Orifice Plate Detail

ENGINEER:
Great Basin Engineering North
c/o Andy Hubbard, PLS.
AndyH@greatbasineng.com
5746 South 1475 East Suite 200
Ogden, Utah 84405
(801) 394-4515

DEVELOPER:
Lync Construction, LLC
1407 North Mountain Road
Ogden Utah
(801)-710-2234

NOT FOR CONSTRUCTION

GREAT BASIN ENGINEERING

5746 SOUTH 1475 EAST OGDEN, UTAH 84403
MAIN (801) 394-4515 S.L.C. (801) 521-0222 FAX (801) 392-7544
WWW.GREATBASINENGINEERING.COM

Pond Exhibit

Smart Fields Phase 2

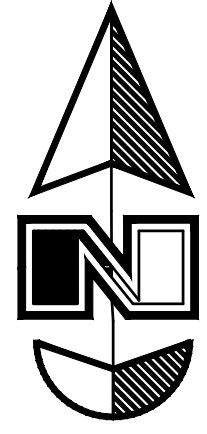
Approx. 1800 South 4300 West
Weber County, Utah
A part of Section 21, 16N, 12W, SLB&M, U.S. Survey

September 2022

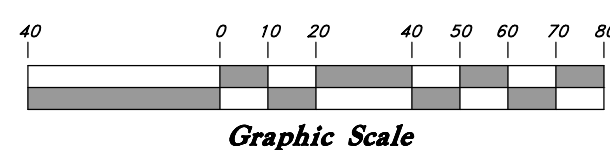
SHEET NO.

C6

21N700



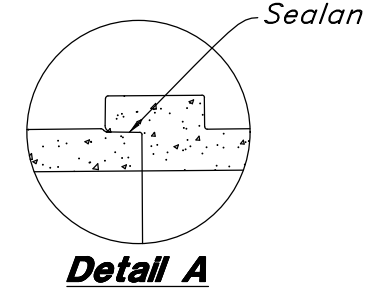
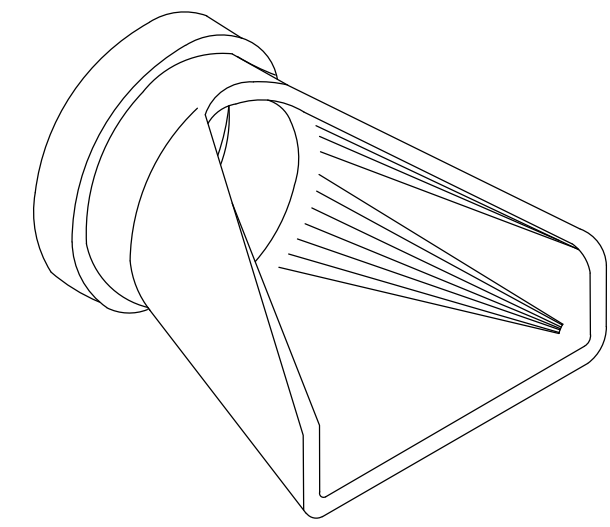
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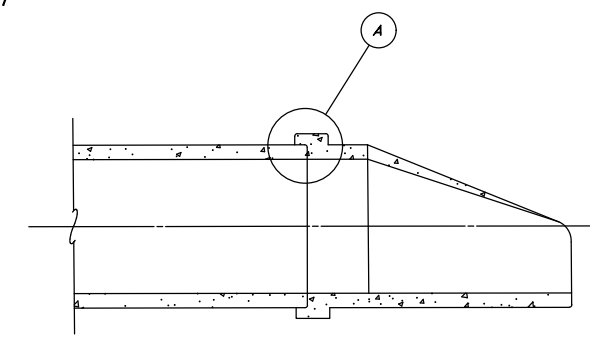
Legend

(Note: All items may not appear on drawing)

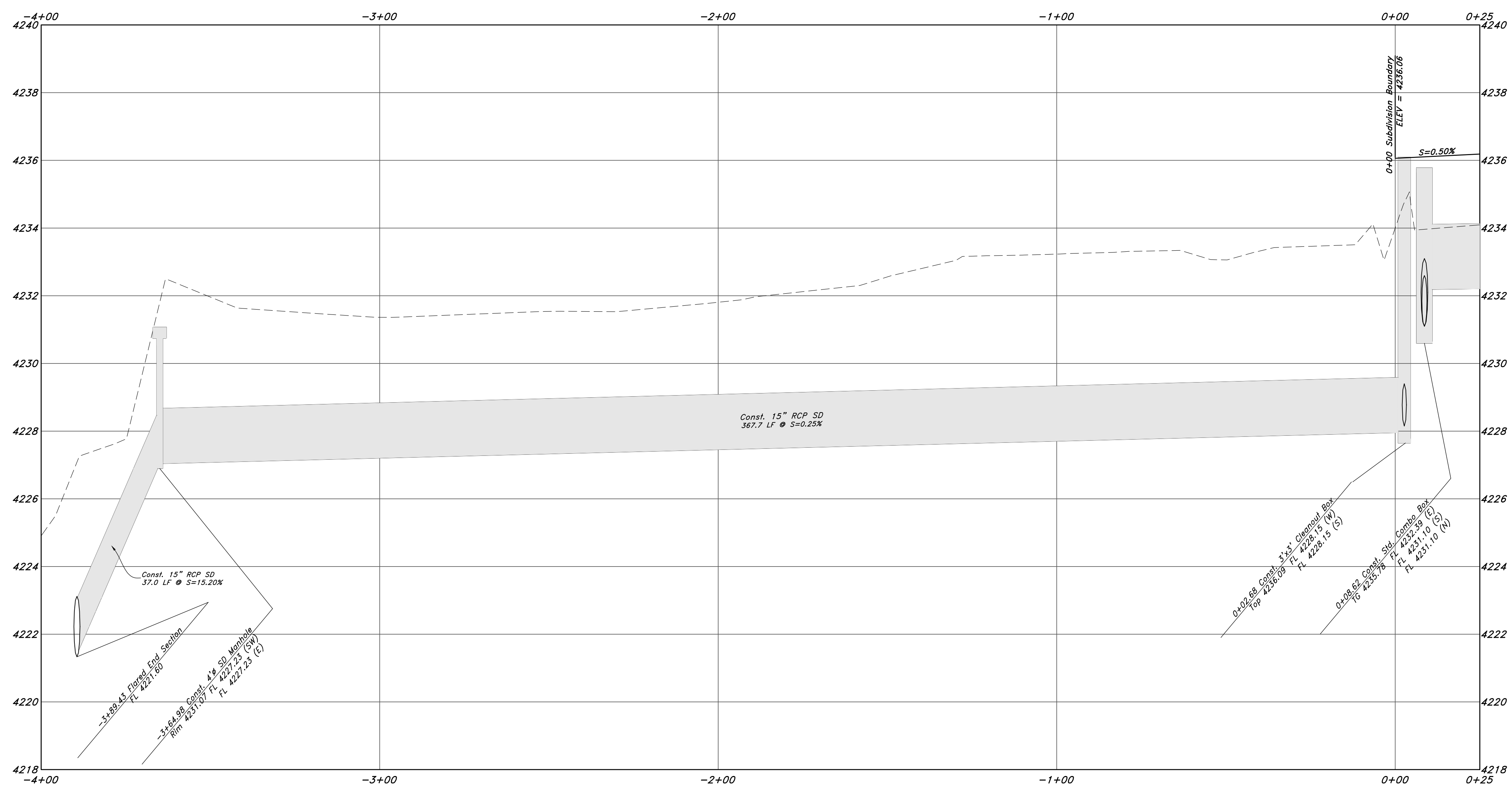
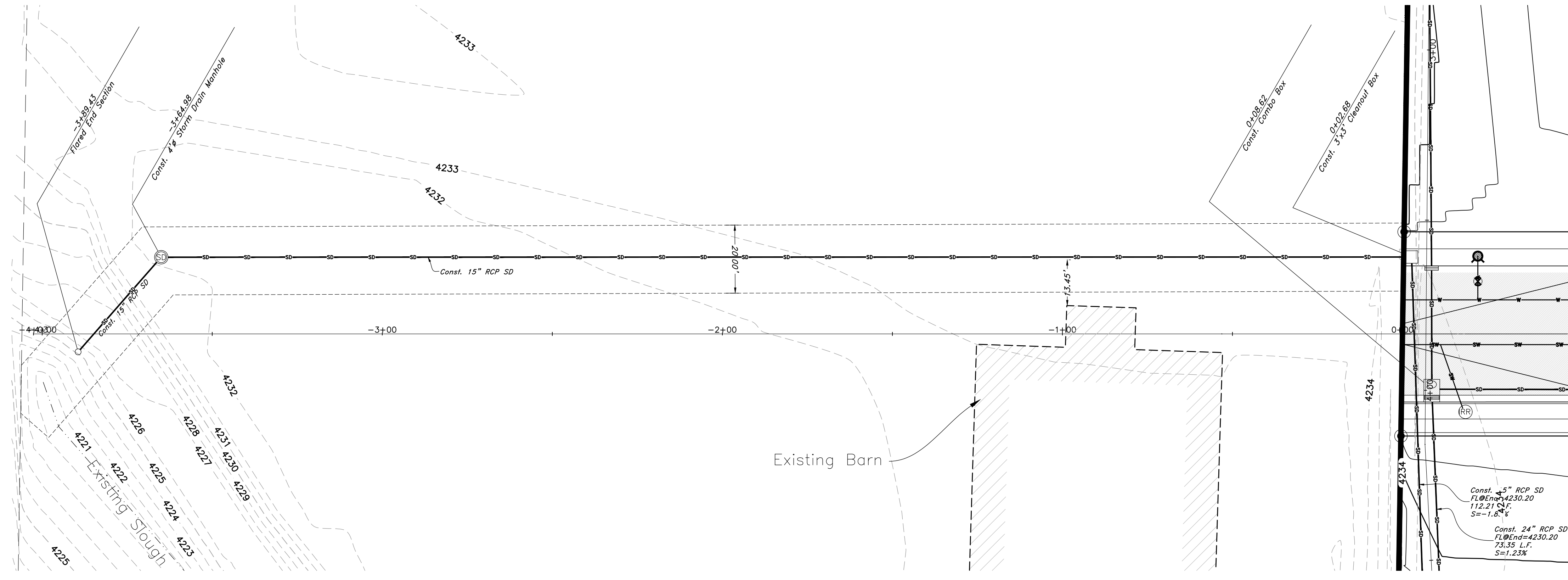
- San. Sewer Manhole
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Detail A
Sealant Detail Check
CP110 and CP120 For
Specific Joint Details



1 Flared End Section
Not to Scale



ENGINEER:
Great Basin Engineering North
c/o Andy Hubbard, PLS.
andyh@greatbasineng.com
5745 South 1475 East Suite 200
Ogden, Utah 84405
(801) 394-4515

DEVELOPER:
Lync Construction, LLC
1407 North Mountain Road
Ogden Utah
(801)-710-2234

NOT FOR CONSTRUCTION

| REV | DATE | DESCRIPTION |
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5746 SOUTH 1475 EAST OGDEN, UTAH 84403
 MAIN (801)394-4515 S.L.C (801)521-0222 FAX (801)392-7544
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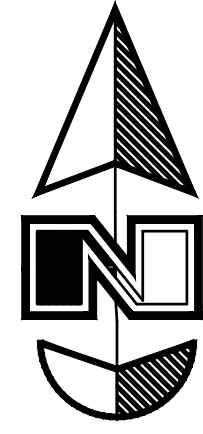
Storm drain outfall

Smart Fields Phase 2

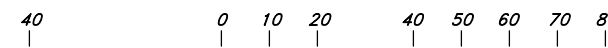
Approx. 1800 South 4300 West
 Weber County, Utah
 A part of Section 21, T6N, R2W, S16&M, U.S. Survey

Smart Fields Ph2

Pressurized Utility Plan



Scale: 1" = 40'



Graphic Scale

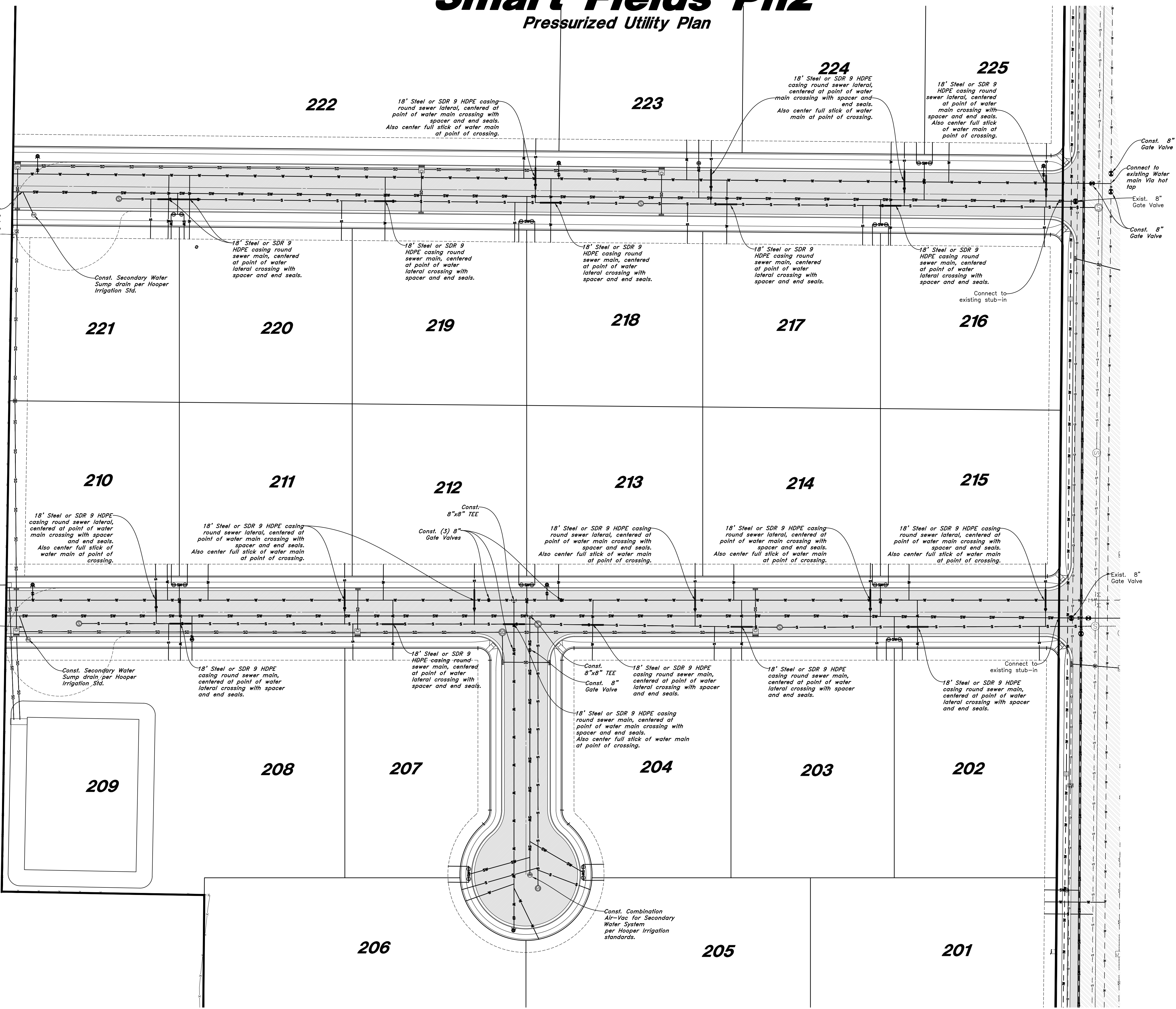
Legend

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Const. 4" Secondary Water drain Line from Low point to Secondary Water Drain Sump

Const. 4" Secondary Water drain Line from Low point to Secondary Water Drain Sump



| REV | DATE | DESCRIPTION |
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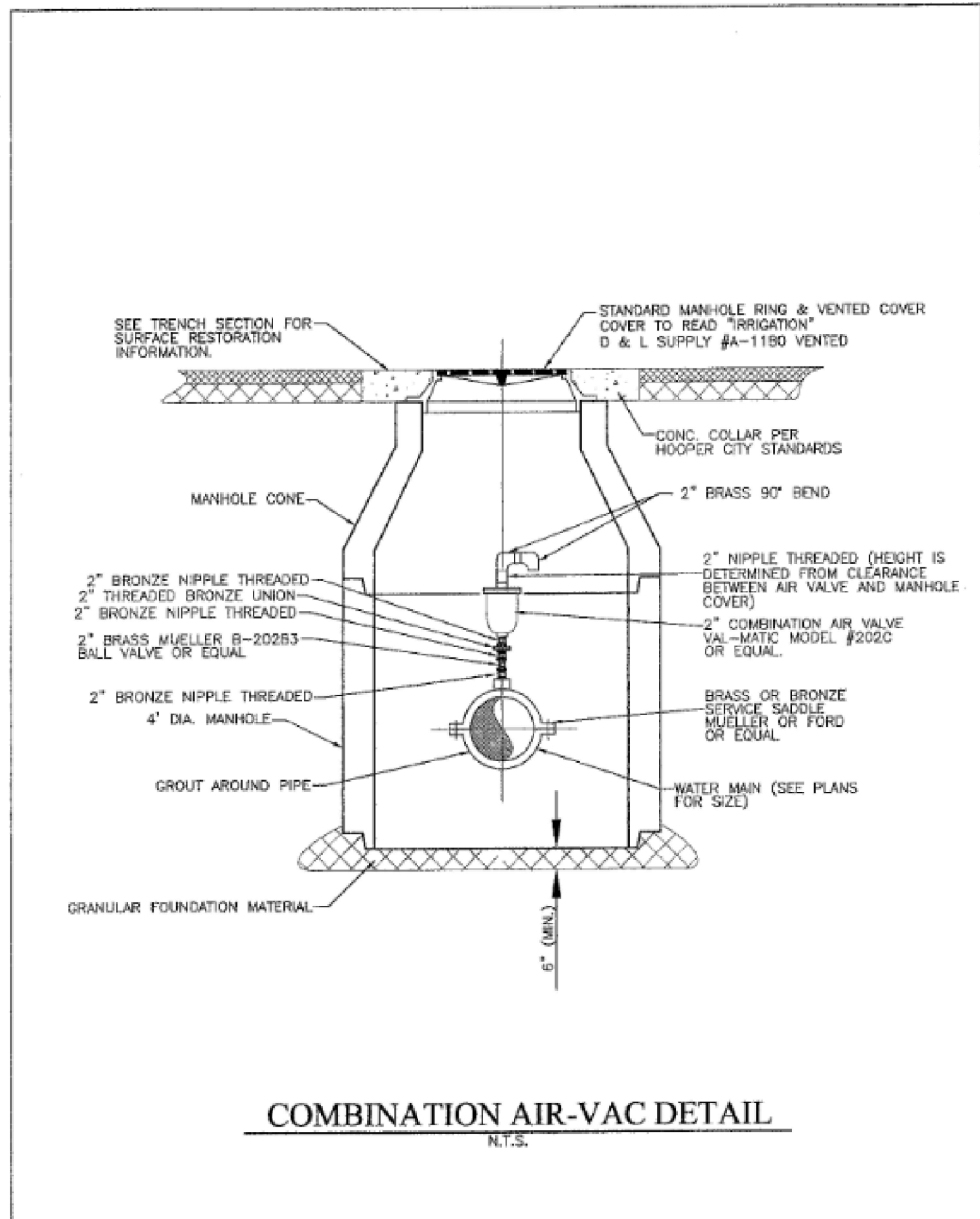
5746 SOUTH 1475 EAST OGDEN, UTAH 84403
 MAIN (801)394-4515 S.L.C (801)521-0222 FAX (801)392-7544
 WWW.GREATBASINENGINEERING.COM

Pressurized Utility Plan
Smart Fields Phase 2
 Approx. 1800 South 4300 West
 Weber County, Utah
 A part of Section 21, T6N, R2W, S6B&M, U.S. Survey

ENGINEER:
 Great Basin Engineering North
 c/o Andy Hubbard, PLS.
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 5746 South 1475 East Suite 200
 Ogden, Utah 84405
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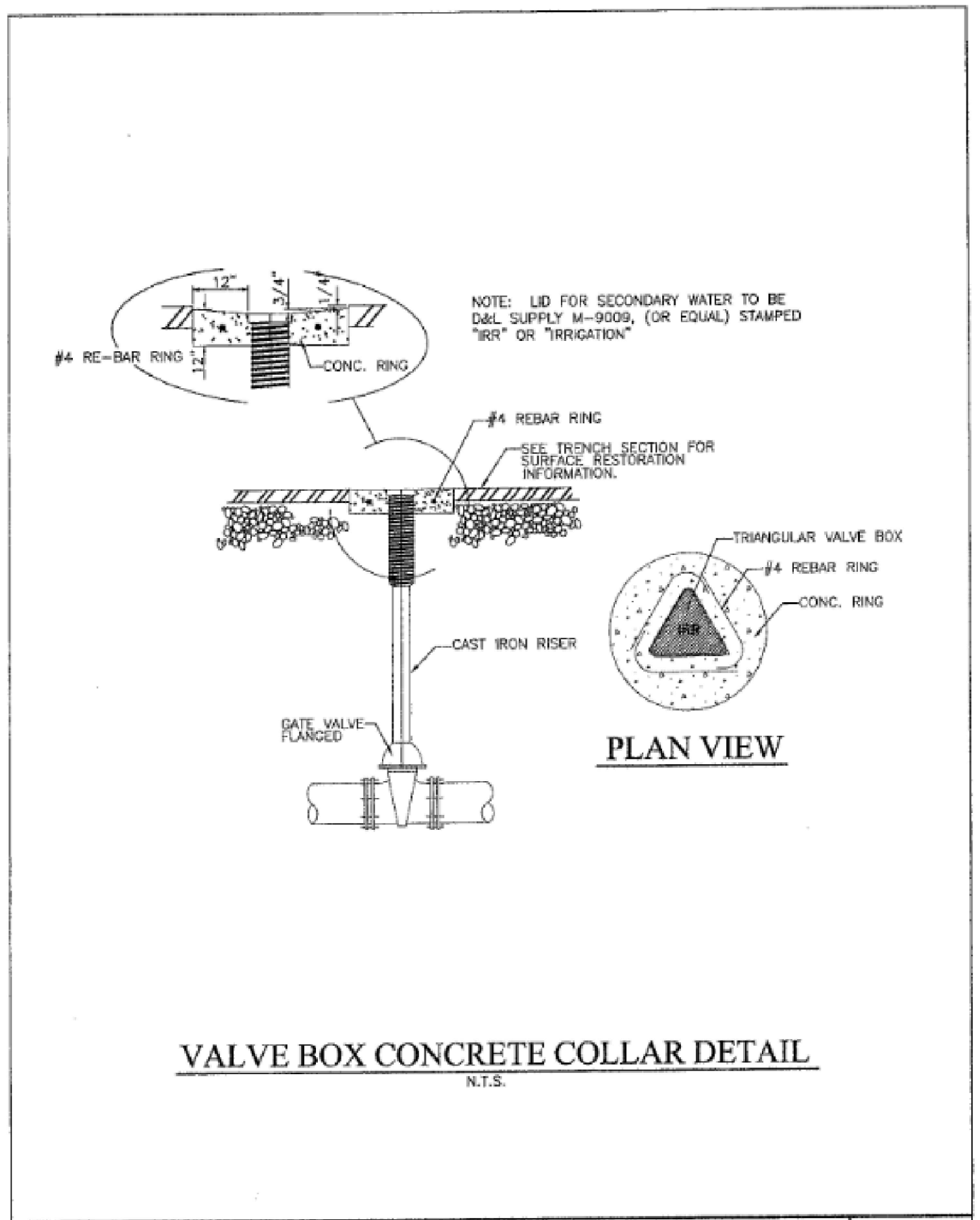
DEVELOPER:
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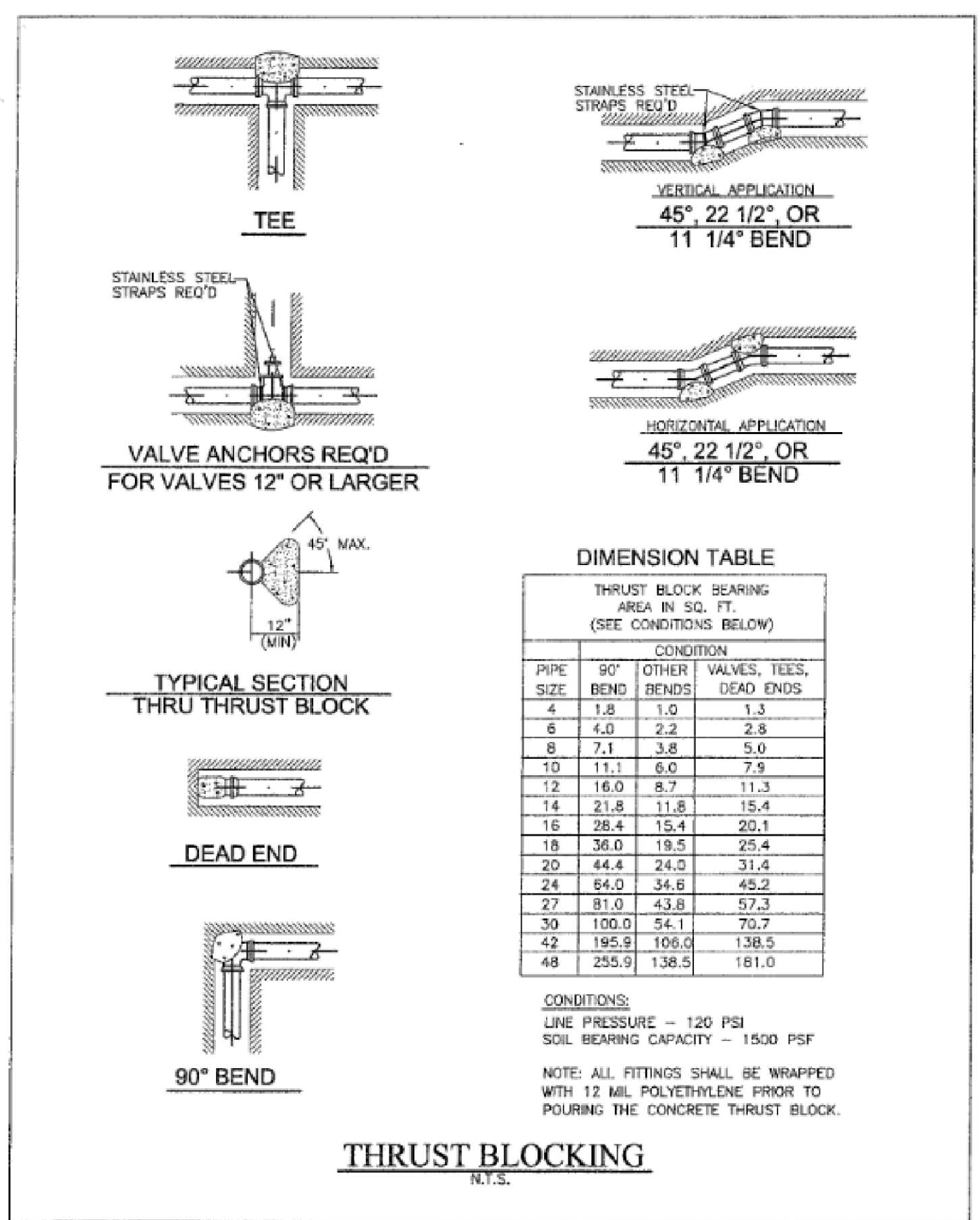
COMBINATION AIR-VAC DETAIL
N.T.S.

| | | |
|--|--|---|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-1</p> <p>COMBINATION AIR-VAC DETAIL</p> |
|--|--|---|



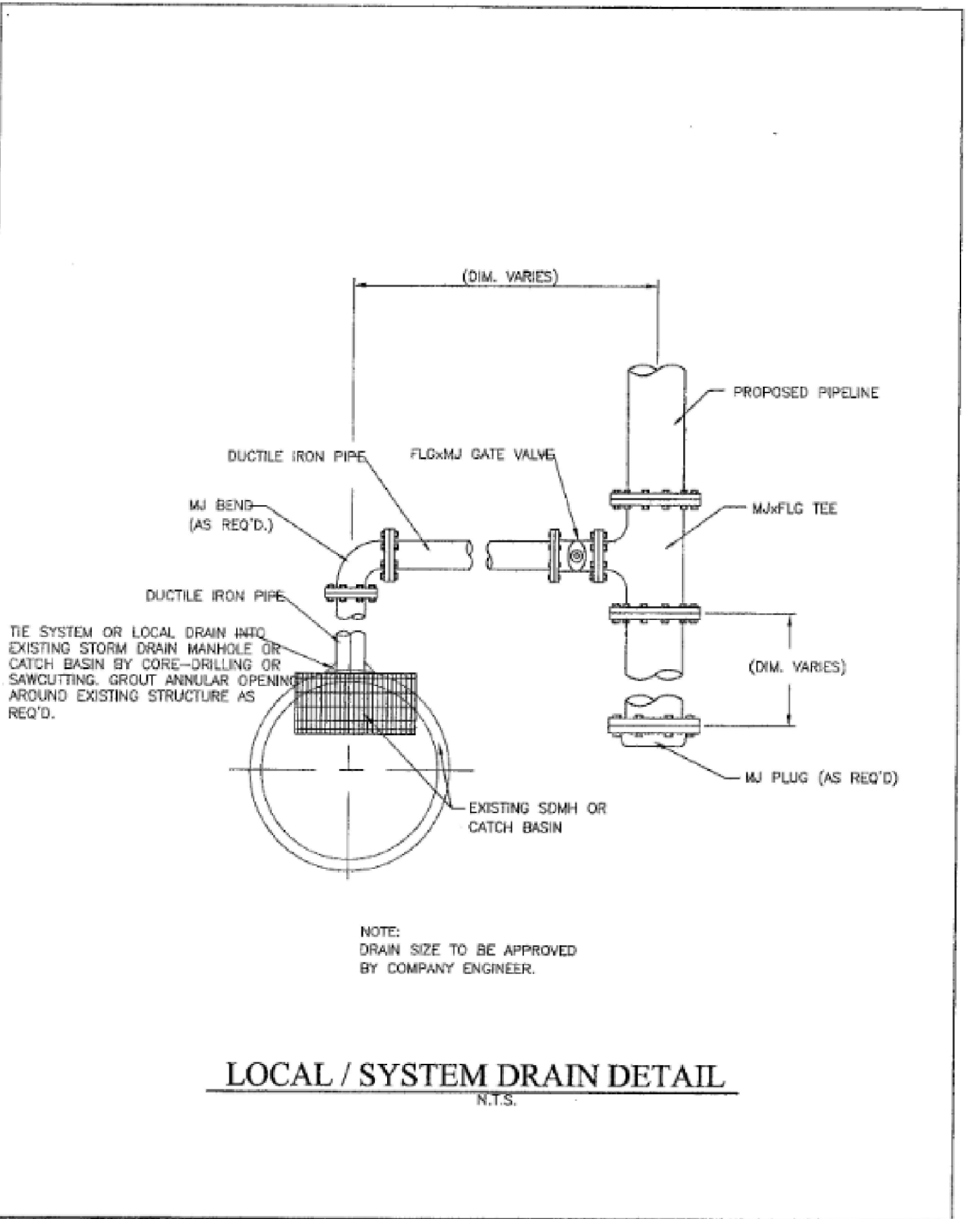
VALVE BOX CONCRETE COLLAR DETAIL
N.T.S.

| | | |
|--|--|--|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-2</p> <p>VALVE BOX CONCRETE COLLAR</p> |
|--|--|--|



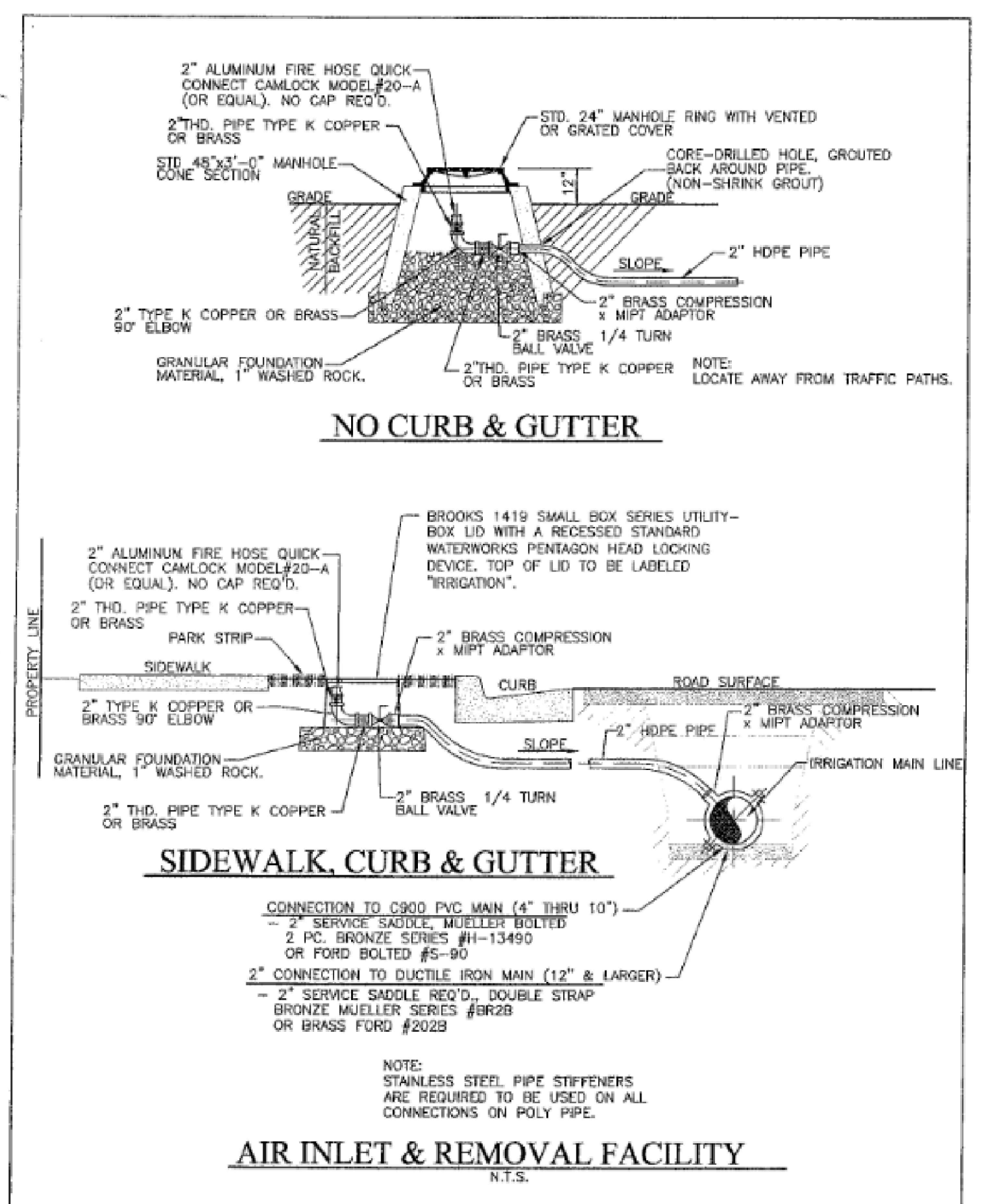
THRUST BLOCKING
N.T.S.

| | | |
|--|--|--|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-3</p> <p>THRUST BLOCKING DETAILS</p> |
|--|--|--|



LOCAL / SYSTEM DRAIN DETAIL
N.T.S.

| | | |
|--|--|--|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-4</p> <p>LOCAL/SYSTEM DRAIN DETAIL</p> |
|--|--|--|

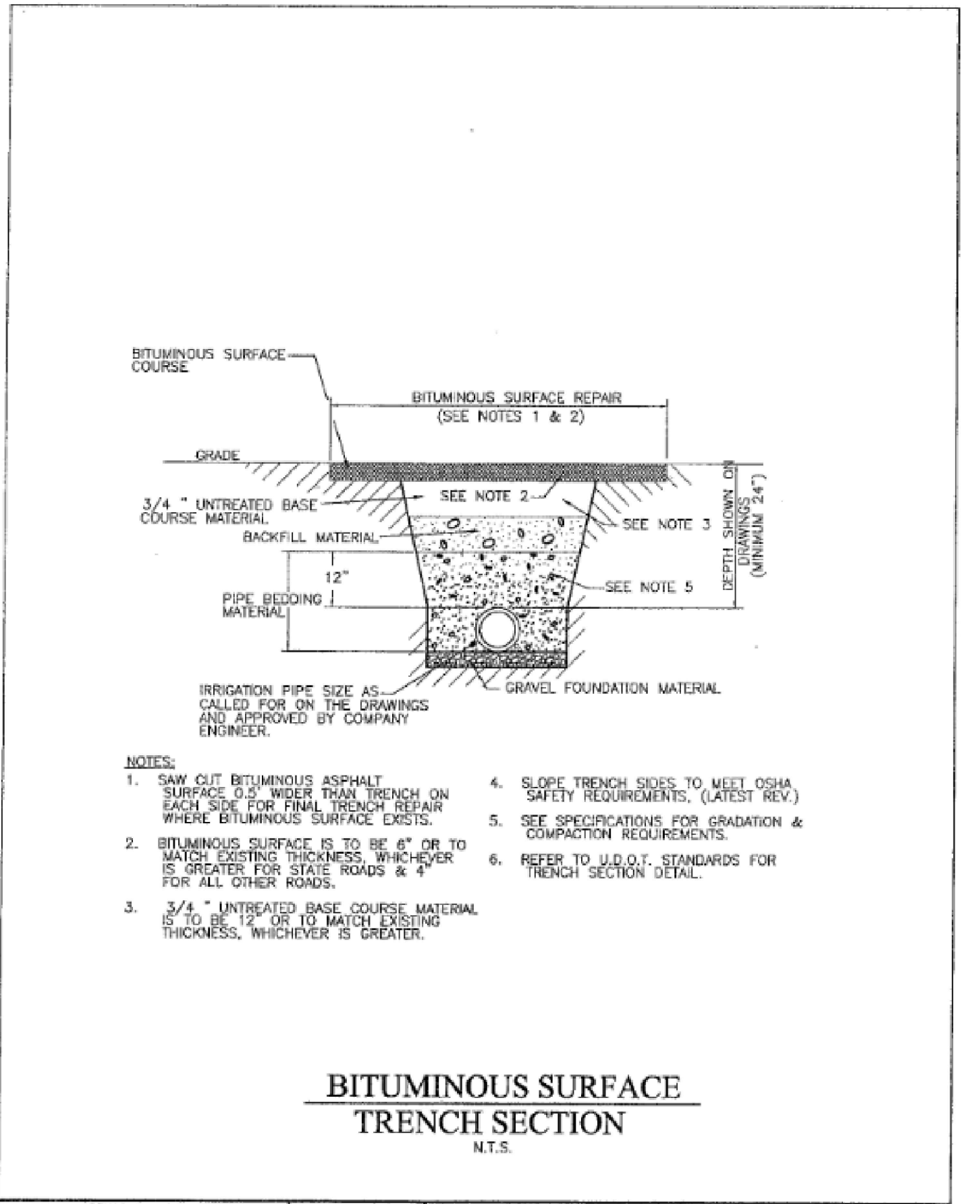


NO CURB & GUTTER

SIDEWALK, CURB & GUTTER

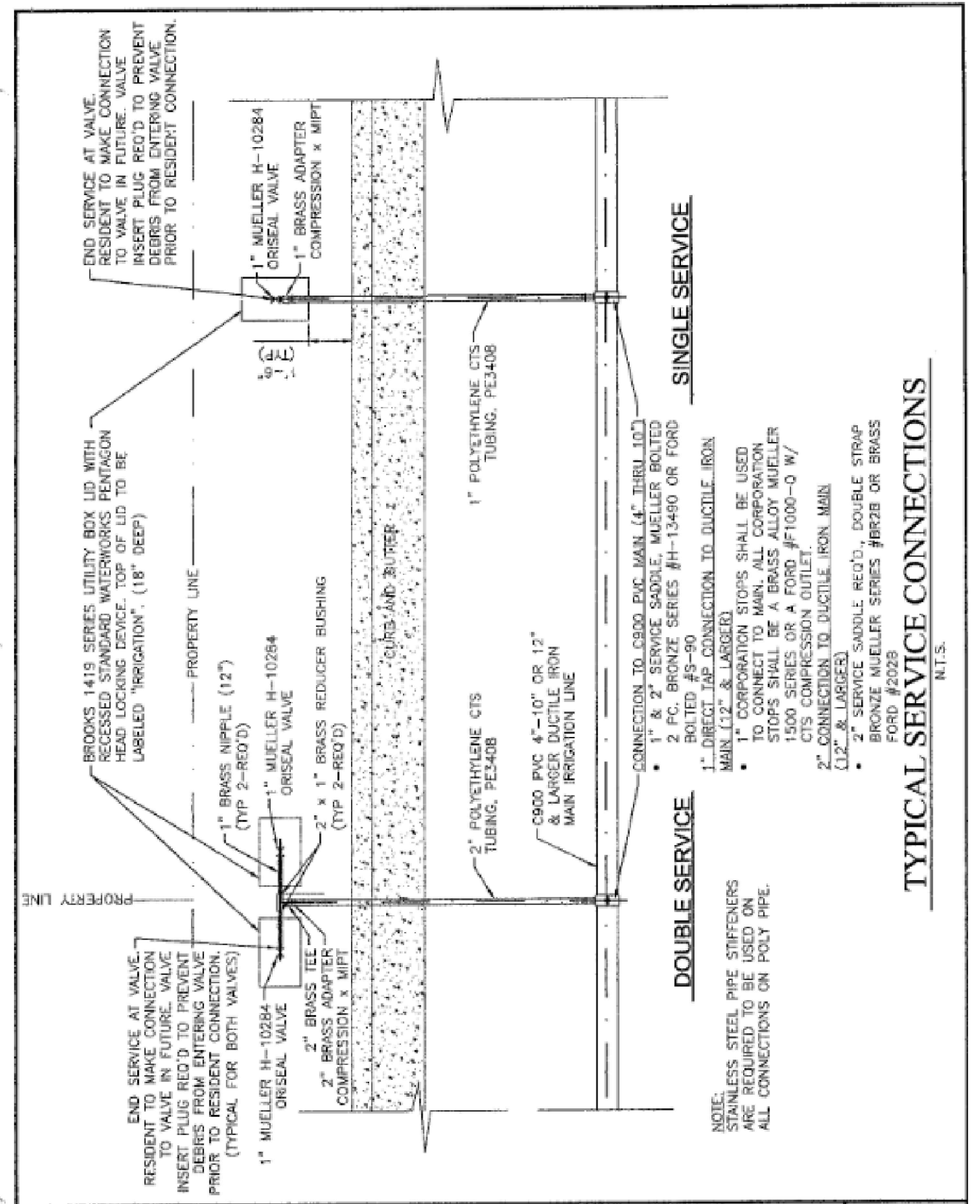
AIR INLET & REMOVAL FACILITY
N.T.S.

| | | |
|--|--|---|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-5</p> <p>AIR INLET & REMOVAL FACILITY</p> |
|--|--|---|



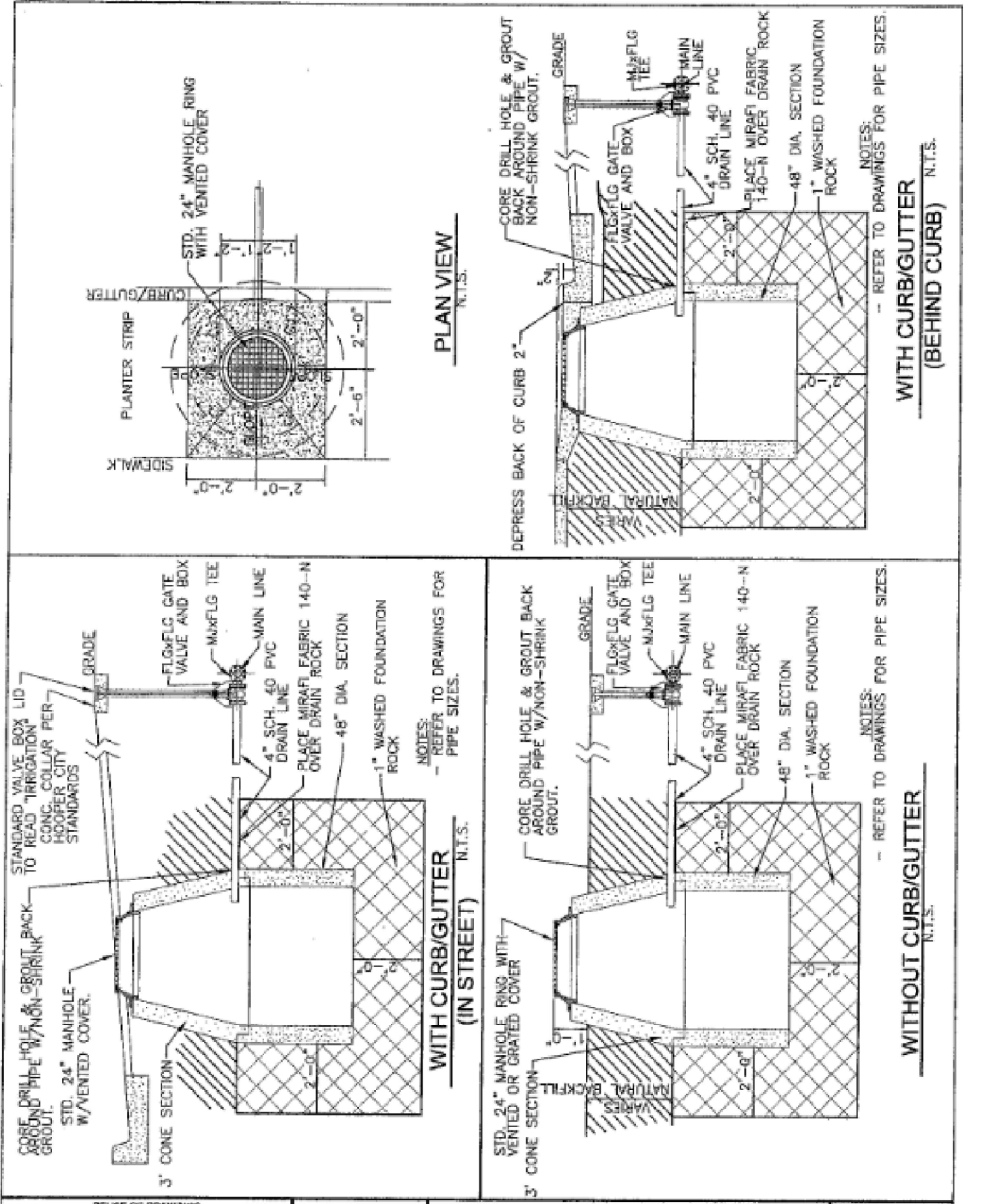
BITUMINOUS SURFACE TRENCH SECTION
N.T.S.

| | | |
|--|--|--|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-7</p> <p>BITUMINOUS SURFACE TRENCH SECTION</p> |
|--|--|--|



TYPICAL SERVICE CONNECTIONS
N.T.S.

| | | |
|--|--|---|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-10</p> <p>TYPICAL SERVICE CONNECTION DETAIL</p> |
|--|--|---|



TYPICAL LOCAL DRAIN W/SUMP DETAILS
N.T.S.

| | | |
|--|--|--|
| <p>REVISION</p> <p>DATE</p> <p>DESCRIPTION</p> | <p>JUB</p> <p>Hooper Irrigation Company Pressure Irrigation Standards</p> | <p>PI-11</p> <p>TYPICAL LOCAL DRAIN W/SUMP DETAILS</p> |
|--|--|--|

DATE

REV

DESCRIPTION

GREAT BASIN ENGINEERING

5746 SOUTH 11475 EAST OGDEN, UTAH 84403
 MAIN (801)394-4515 S.F.C (801)392-7544
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21N700

