



1246 E Driggs Ave
SLC, UT 84106
isaac@irecivil.com (801) 860-2191



SINGLETREE ACRES SUBDIVISION

**4520 WEST 2200 SOUTH
TAYLOR, UTAH 84401**

**A PORTION OF THE NORTHEAST QUARTER OF SECTION 29,
TOWNSHIP 6 NORTH, RANGE 2 WEST,
SALT LAKE BASE AND MERIDIAN
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH**



VICINITY MAP

1. ALL WORK SHALL CONFORM TO WEBER COUNTY'S STANDARDS & SPECIFICATIONS
2. CALL BLUE STAKES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATIONS OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE CARIOUS 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 LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES.

GENERAL NOTES

SHEET INDEX

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SINGLETREE ACRES SUBDIVISION
4520 WEST 2200 SOUTH
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST
CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES190GMAIL.COM

REV	COMMENT

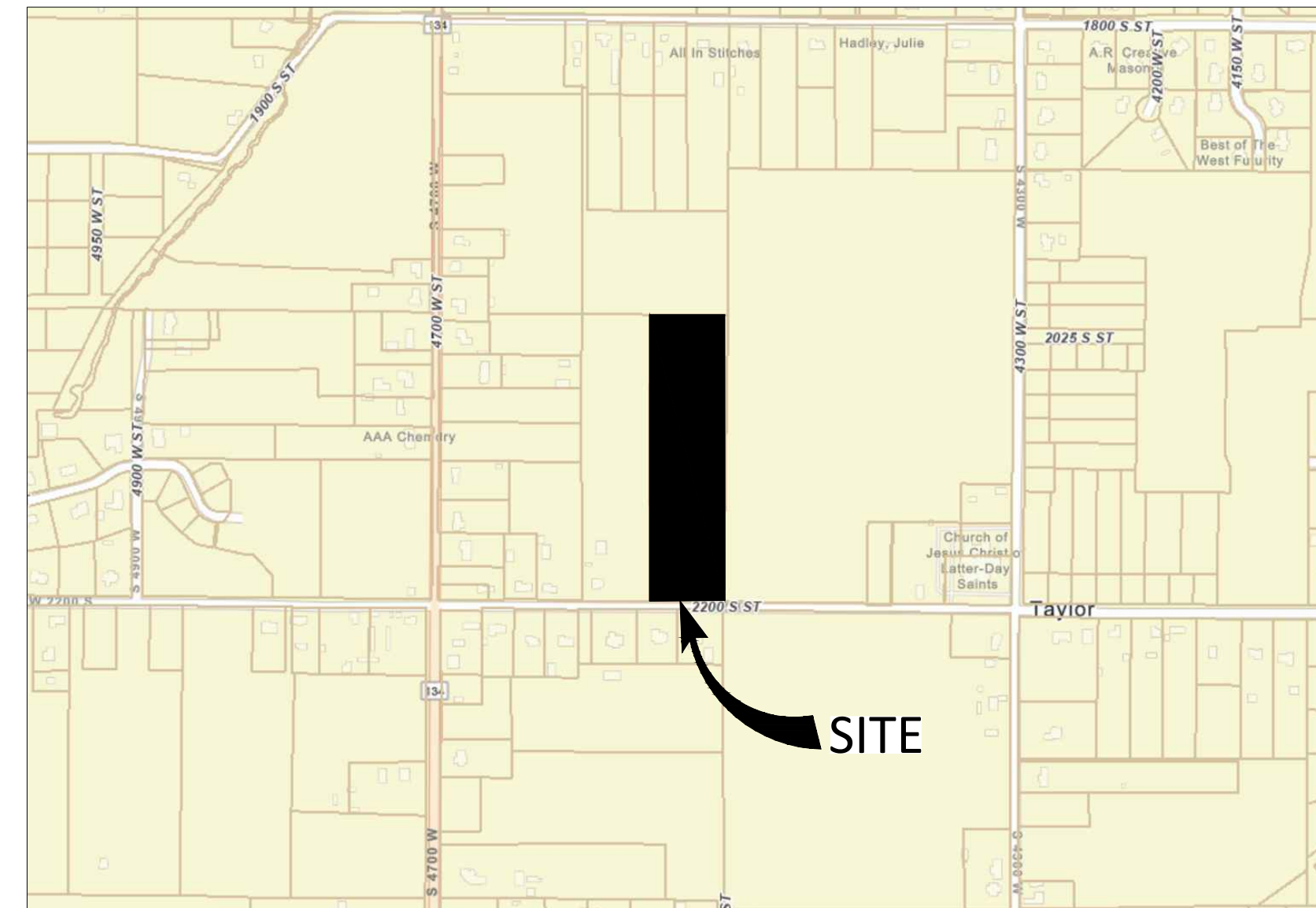
SHEET NO.

C000

PRELIMINARY
COVER PAGE

SINGLETREE ACRES SUBDIVISION PLAT

A PORTION OF THE NORTHEAST QUARTER OF SECTION 29, T6N, R2W, SLB&M, WEBER COUNTY, UTAH
AUGUST, 2022



LEGEND:

- BOUNDARY LINE
- NEIGHBOR BOUNDARY LINE
- EASEMENT LINE
- SET BACK LINE
- EXISTING FENCE
- UNDER GROUND UNKNOWN LINE
- UNDER GROUND WATER LINE
- UNDER GROUND GAS LINE
- UNDER GROUND WATER LINE
- WATER MANHOLE
- IRRIGATION MANHOLE
- IRRIGATION CONTROL BOX
- WATER METER
- POWER POLE
- FIRE HYDRANT

SURVEYOR'S CERTIFICATE

I, JAMES V. HEINRITZ, DO HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF UTAH AND THAT I HOLD LICENSE NO. 11072412-2201 IN ACCORDANCE WITH TITLE 58, CHAPTER 22, OF THE PROFESSIONAL ENGINEERS AND LAND SURVEYORS ACT; I FURTHER CERTIFY THAT BY AUTHORITY OF THE OWNERS I HAVE COMPLETED A SURVEY OF THE PROPERTY DESCRIBED ON THIS SUBDIVISION PLAT IN ACCORDANCE WITH SECTION 17-23-17 AND HAVE VERIFIED ALL MEASUREMENTS; THAT THE REFERENCE MONUMENTS SHOWN ON THIS PLAT ARE LOCATED AS INDICATED AND ARE SUFFICIENT TO ACCURATELY ESTABLISH THE LATERAL BOUNDARIES OF THE HEREIN DESCRIBED TRACT OF REAL PROPERTY; AND THAT THIS PLAT OF

SINGLETREE ACRES SUBDIVISION

AND THAT THE SAME HAS BEEN CORRECTLY SURVEYED AND STAKED ON THE GROUND AS SHOWN ON THIS PLAT

SIGNED THIS _____ DAY OF _____, 20__

JAMES V. HEINRITZ, PLS 11072412-2201
FOR AND ON BEHALF OF VARA 3D, INC

LEGAL DESCRIPTION:

A PORTION OF THE NORTHEAST QUARTER OF SECTION 29, T6N, R2W, SLB&M, WEBER COUNTY, UTAH AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS MONUMENT AT THE CENTER OF SAID SECTION 29 WHENCE THE BRASS MONUMENT UNDER RING AND LID AT THE EAST QUARTER CORNER OF SAID SECTION 29 BEARS SOUTH 89°11'53" EAST A DISTANCE OF 2633.22 FEET, SAID LINE FORMING THE BASIS OF BEARING FOR THIS DESCRIPTION;

THENCE SOUTH 89°11'53" EAST ALONG SAID LINE A DISTANCE OF 989.56 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 00°43'50" EAST A DISTANCE OF 1333.85 FEET;

THENCE SOUTH 89°12'17" EAST A DISTANCE OF 326.57 FEET;

THENCE SOUTH 00°43'10" WEST A DISTANCE OF 1333.89 FEET;

THENCE NORTH 89°11'53" WEST A DISTANCE OF 326.83 FEET TO THE POINT OF BEGINNING.

CONTAINS 435,772 SQUARE FEET OR 10.004 ACRES.

OWNERS' DEDICATION:

KNOWN ALL MEN BY THESE PRESENTS THAT I/WE, THE UNDERSIGNED OWNER(S) OF THE ABOVE DESCRIBED TRACT OF LAND, HAVING CAUSED THE SAME TO BE SUBDIVIDED, HEREAFTER KNOWN AS THE

SINGLETREE ACRES SUBDIVISION

DO HEREBY DEDICATE THE STREETS AND OTHER PUBLIC AREAS AS INDICATED HEREON FOR PERPETUAL USE OF THE PUBLIC. OWNER(S) HEREBY AGREE TO WARRANT AND DEFEND AND SAVE THE CITY HARMLESS AGAINST ANY EASEMENTS OR OTHER ENCUMBRANCE ON A DEDICATED STREET WHICH WILL INTERFERE WITH THE CITY'S USE, MAINTENANCE, AND OPERATION OF THE STREET.

IN WITNESS WHEREOF WE HAVE SET OR HANDS THIS _____ DAY OF _____, A.D. 2022

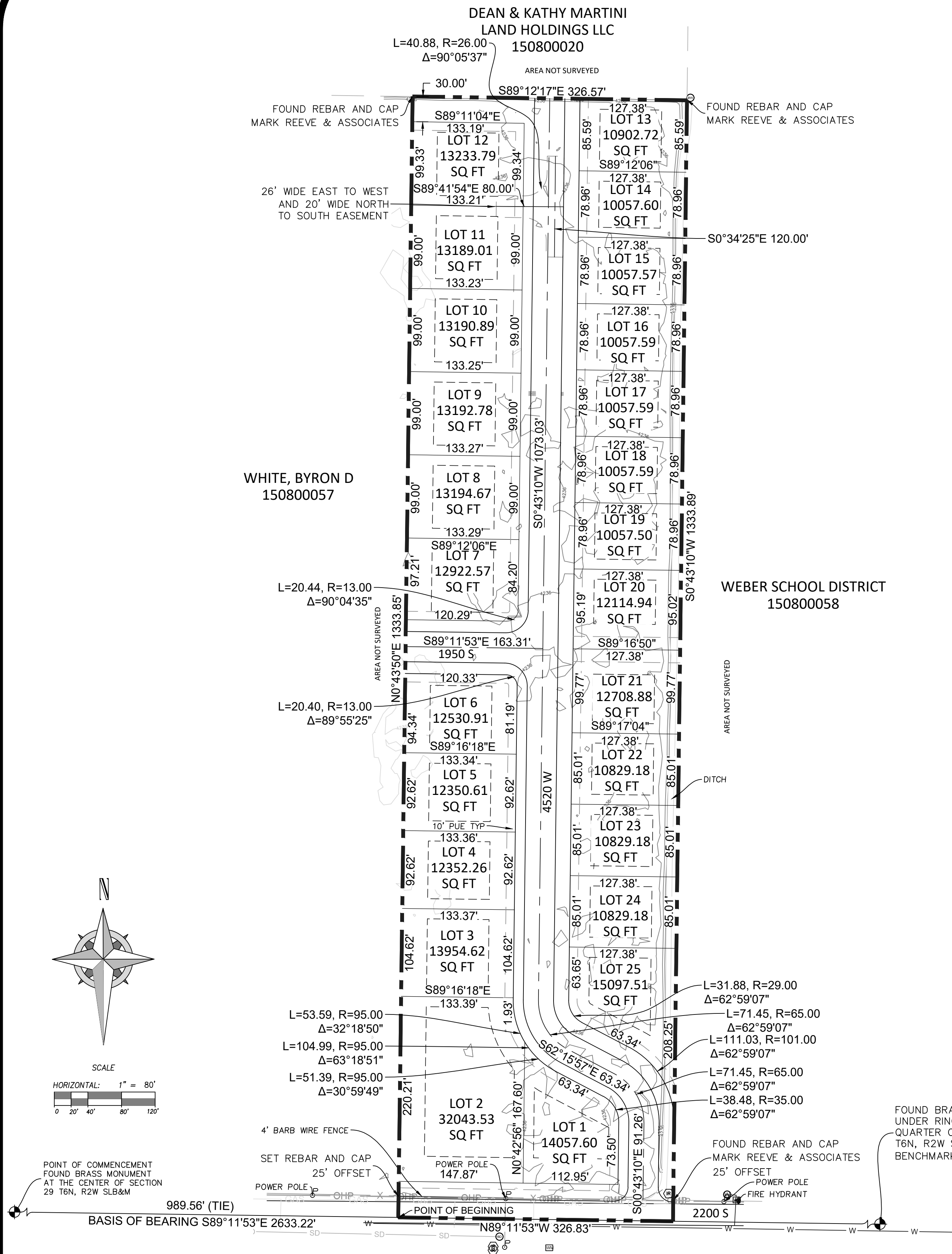
BY _____

ACKNOWLEDGEMENT:

STATE OF UTAH | S.S.
COUNTY OF SALT LAKE |

ON THE _____ DAY OF _____, A.D. 2022, PERSONALLY APPEARED BEFORE ME THE SIGNERS OF THE FOREGOING DEDICATION WHO DULY ACKNOWLEDGE TO ME THAT THEY DID EXECUTE THE SAME.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC



WEBER COUNTY ATTORNEY
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 AFFECT.
SIGNED THIS _____ DAY OF _____, 20__
WEBER COUNTY ATTORNEY

WEBER COUNTY SURVEYOR
I HEREBY CERTIFY THAT THE WEBER COUNTY SURVEYOR'S OFFICE HAS REVIEWED THIS PLAT AND ALL CONDITIONS FOR APPROVAL BY THIS OFFICE HAVE BEEN SATISFIED. THE APPROVAL OF 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
SIGNED THIS _____ DAY OF _____, 20__
WEBER COUNTY SURVEYOR

COUNTY ENGINEER
I HEREBY CERTIFY THAT THE REQUIRED PUBLIC IMPROVEMENT STANDARDS AND DRAWINGS FOR THIS SUBDIVISION CONFORM WITH COUNTY STANDARDS WITH COUNTY STANDARDS AND THE AMOUNT OF THE FINANCIAL GUARANTEE IS SUFFICIENT FOR THE INSTALLATION OF THESE IMPROVEMENTS.
SIGNED THIS _____ DAY OF _____, 20__
WEBER COUNTY ENGINEER

WEBER COUNTY PLANNING COMMISSION APPROVAL:
THIS IS TO CERTIFY THAT THIS SUBDIVISION PLAT WAS DULY APPROVED BY WEBER COUNTY PLANNING COMMISSION ON THE _____ DAY OF _____, 20__
CHAIRMAN, WEBER COUNTY PLANNING COMMISSION

WEBER COUNTY COMMISSION ACCEPTANCE:
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 _____, 20__
CHAIRMAN, WEBER COUNTY COMMISSION

WEBER-MORGAN HEALTH DEPARTMENT
I DO HEREBY CERTIFY THAT THE SOILS, PERCOLATION RATES, AND SITE CONDITION FOR THIS SUBDIVISION HAVE BEEN INVESTIGATED BY THIS OFFICE AND ARE APPROVED FOR ON-SITE WASTEWATER DISPOSAL SYSTEMS.
APPROVED THIS _____ DAY OF _____, 20__
DIRECTOR WEBER-MORGAN HEALTH DEPT.

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

PROJECT INFORMATION

SINGLETREE ACRES SUBDIVISION
2205 S 4520 W, TAYLOR TOWNDHIP, WEBER.
BOUNDARY SURVEY

REV.#	REVISION NOTES	DATE

CLIENT INFO

VARA 3D
BEDSPATIAL SOLUTIONS
5693 S 975 E MURRAY, UT 84107
801-707-1012

PROJECT NO. 2021-100
DATE NOVEMBER 2021
HORIZONTAL SCALE 1" = 80'

SCALE MEASURES 1-INCH ON FULL SIZE (36x24) SHEETS ADJUST ACCORDINGLY FOR REDUCED SIZE SHEETS

GENERAL NOTES

- 1. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: THE DESIGN ENGINEER, LOCAL AGENCY JURISDICTION, APWA (2017 EDITION), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)... CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF OR DAMAGE TO EXISTING UTILITIES.

UTILITY NOTES

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, CITY AND STATE REQUIREMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING: THE INTERNATIONAL PLUMBING CODE, UTAH DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS... CONTRACTOR SHALL COORDINATE LOCATION OF NEW 'DRY UTILITIES' WITH THE APPROPRIATE UTILITY COMPANY...

- 3. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS BASED ON ON-SITE SURVEY, PRIOR TO COMMENCING ANY WORK... CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES... CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW EXISTING PIPE DURING CONSTRUCTION.

TRAFFIC CONTROL AND SAFETY NOTES

- 1. TRAFFIC CONTROL AND STRIPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)... NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE APPROPRIATE AGENCY... ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED...

GRADING AND DRAINAGE NOTES

- 1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT... THE CONTRACTOR SHALL STRIP AND CLEAR THE TOPSOIL, MAJOR ROOTS AND ORGANIC MATERIAL FROM ALL PROPOSED BUILDING AND PAVEMENT AREAS PRIOR TO SITE GRADING...

- 5. THE CONTRACTOR SHALL CONSTRUCT THE BUILDING PAD TO THESE DESIGN PLANS AS PART OF THE SITE GRADING CONTRACT... THE CONTRACTOR SHALL TAKE APPROPRIATE GRADING MEASURES TO DIRECT STORM SURFACE RUNOFF TOWARDS CATCH BASINS... THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE AND USABLE CONDITION.



THE CONTRACTOR IS TO CALL BLUE STAKES PRIOR TO ANY CONSTRUCTION.

LEGEND PROPOSED table listing symbols for WATER METER, WATER MANHOLE, WATER BOX, WATER VALVE, FIRE HYDRANT, SECONDARY WATER VALVE, IRRIGATION BOX, IRRIGATION VALVE, SANITARY SEWER MANHOLE, SANITARY SEWER CLEANOUT, STORM DRAIN INLET BOX, STORM DRAIN CATCH BASIN.

LEGEND EXISTING table listing symbols for STORM DRAIN MANHOLE, ROOF DRAIN, UTILITY POLE, STREET LIGHT, SIGN, SPOT ELEVATION, SILT FENCE, STRIPING, FENCE, RIDGELINE, STORM DRAIN LINE, ROOF DRAIN LINE, HIGH WATER LINE.

LEGEND PROPOSED table listing symbols for SANITARY SEWER LINE, LAND DRAIN LINE, CULINARY WATER LINE, SECONDARY WATER LINE, IRRIGATION WATER LINE, OVERHEAD POWER LINE, GAS LINE, TELEPHONE LINE, SAW CUT LINE.

LEGEND EXISTING table listing symbols for SANITARY SEWER LINE, LAND DRAIN LINE, CULINARY WATER LINE, SECONDARY WATER LINE, IRRIGATION WATER LINE, OVERHEAD POWER LINE, GAS LINE, TELEPHONE LINE, SAW CUT LINE.

NOTE: THIS LEGEND MAY INCLUDE SYMBOLS THAT ARE NOT USED IN THIS PLAN SET.



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4520 WEST 2200 SOUTH TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

CLIENT CONTACT

NAME: CHAD BUCK ADDRESS: 2205 SOUTH 400 EAST CLEARFIELD, UTAH 84015 PHONE: (801) 725-3511 EMAIL: CTB@HOMES19.COM

Table with 2 columns: REV, COMMENT. Multiple empty rows for revision tracking.

SHEET NO.

C100 PRELIMINARY NOTES

LOT AREAS

LOT #	AREA	LOT #	AREA
LOT 1	14,057.60 SQ FT (0.32 ACRES)	LOT 13	10,902.72 SQ FT (0.25 ACRES)
LOT 2	32,043.53 SQ FT (0.74 ACRES)	LOT 14	10,051.60 SQ FT (0.23 ACRES)
LOT 3	13,954.62 SQ FT (0.32 ACRES)	LOT 15	10,057.57 SQ FT (0.23 ACRES)
LOT 4	12,352.26 SQ FT (0.28 ACRES)	LOT 16	10,057.59 SQ FT (0.23 ACRES)
LOT 5	12,350.61 SQ FT (0.28 ACRES)	LOT 17	10,057.59 SQ FT (0.23 ACRES)
LOT 6	12,530.91 SQ FT (0.29 ACRES)	LOT 18	10,057.59 SQ FT (0.23 ACRES)
LOT 7	12,922.57 SQ FT (0.30 ACRES)	LOT 19	10,057.50 SQ FT (0.23 ACRES)
LOT 8	13,194.67 SQ FT (0.30 ACRES)	LOT 20	12,114.94 SQ FT (0.28 ACRES)
LOT 9	13,192.78 SQ FT (0.30 ACRES)	LOT 21	12,708.88 SQ FT (0.29 ACRES)
LOT 10	13,190.89 SQ FT (0.30 ACRES)	LOT 22	10,829.18 SQ FT (0.25 ACRES)
LOT 11	13,189.01 SQ FT (0.30 ACRES)	LOT 23	10,829.18 SQ FT (0.25 ACRES)
LOT 12	13,233.79 SQ FT (0.30 ACRES)	LOT 24	10,829.18 SQ FT (0.25 ACRES)
		LOT 25	15,097.51 SQ FT (0.35 ACRES)

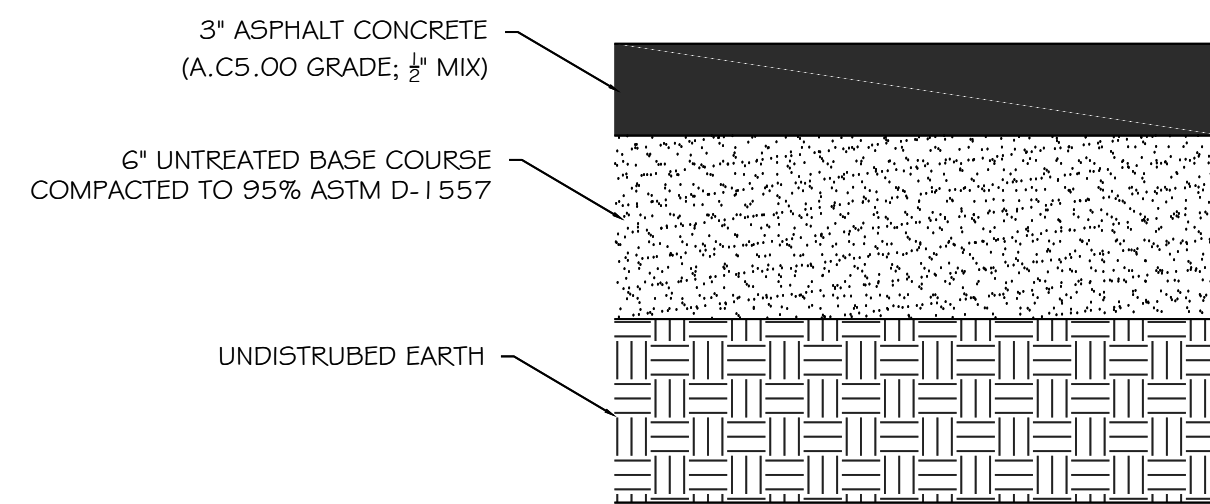
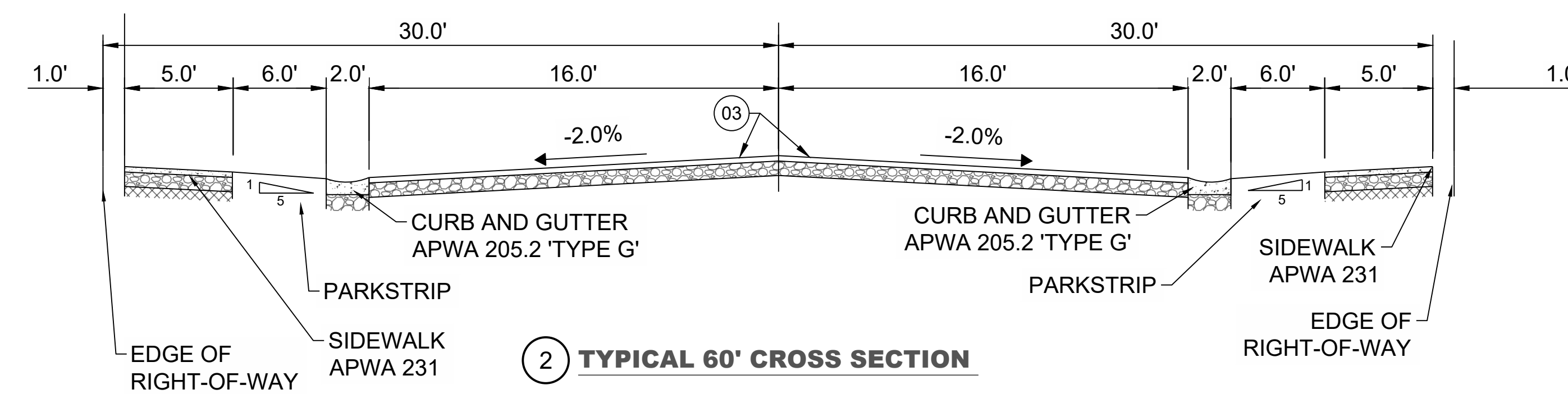
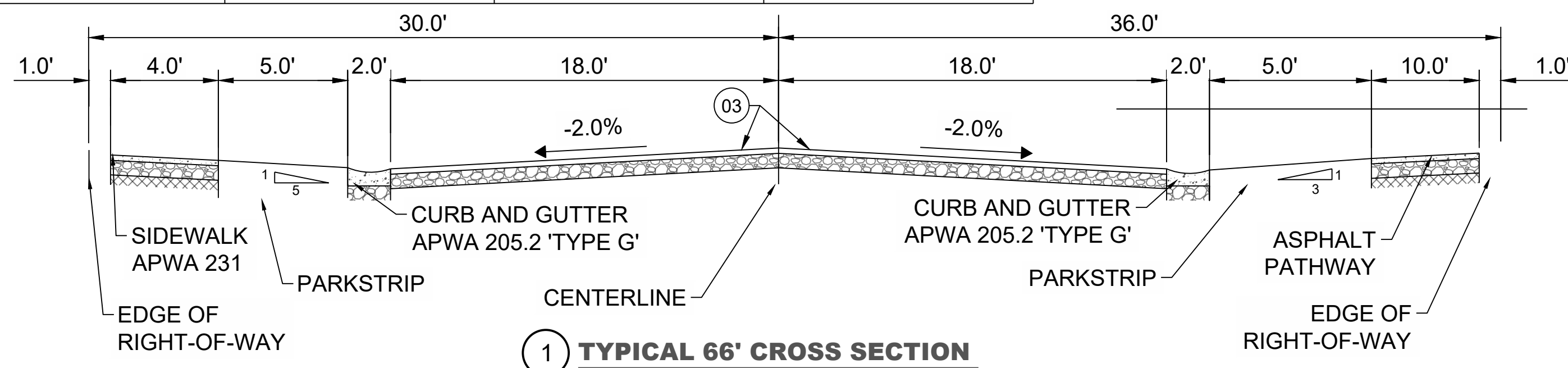
TYP. PUE & SETBACKS

PROPERTY ZONE: R-1-6

FRONT SETBACK	30.0 FT
SIDE SETBACK	12.0 FT
REAR SETBACK	30.0 FT
CORNER SIDE SETBACK	30.0 FT
FRONT PUE & DE	10 FT

LAND USE TABLE

TOTAL GROSS ACREAGE (ACRES)	435,947 SQ FT (10.00 ACRES)
MINIMUM LOT SIZE (ACRES)	10,000 SQ FT (0.23 ACRES)
AVERAGE LOT SIZE (ACRES)	17,437.88 (0.40 ACRES)
TOTAL NUMBER OF LOTS	25 LOTS
RIGHT OF WAY AREA (ACRES)	116,202.64 SQ FT (2.67 ACRES)



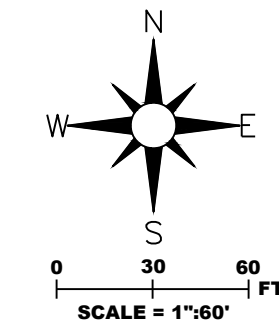
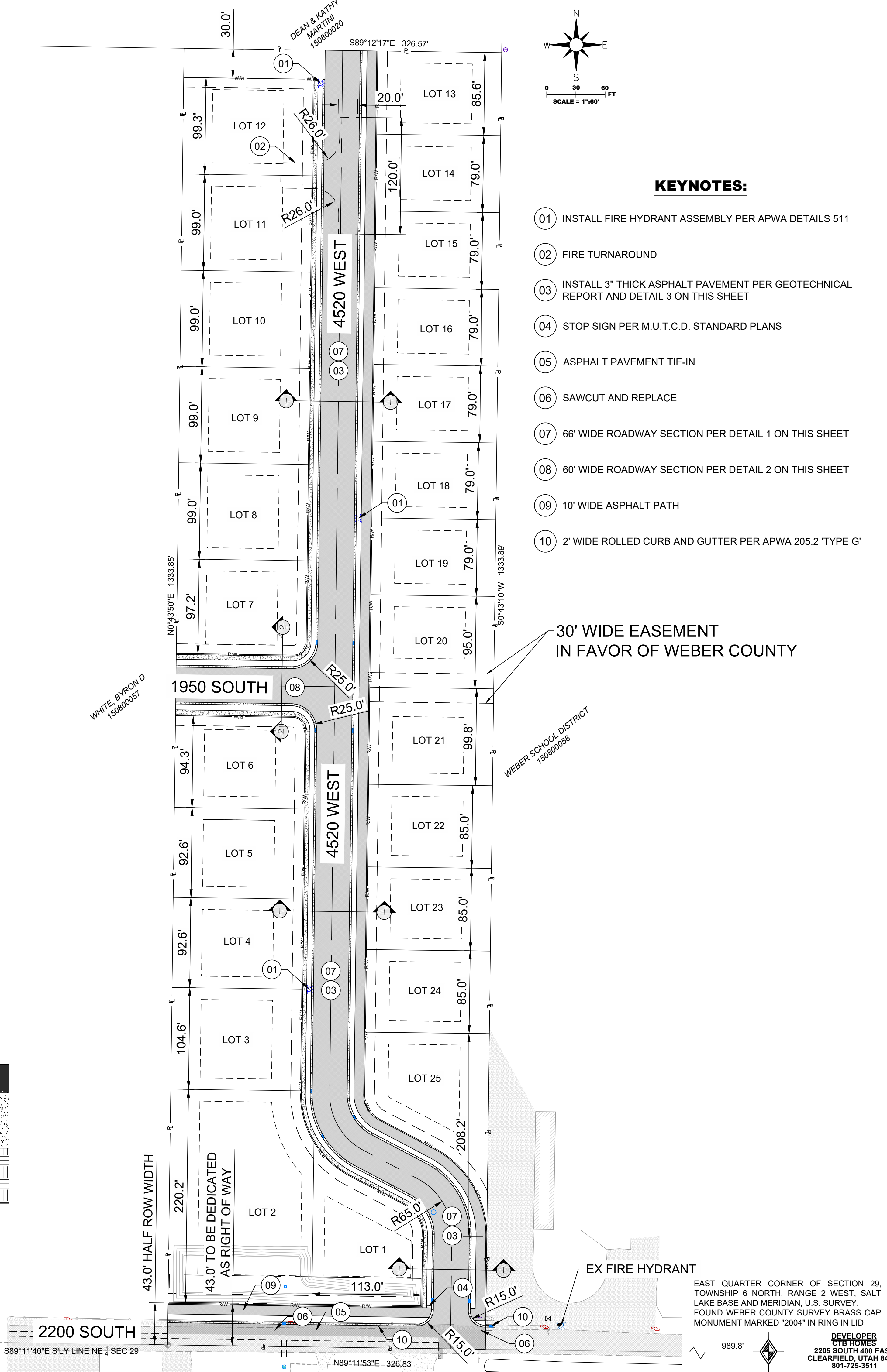
CAUTION: NOTICE TO CONTRACTOR

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Know what's below. 811
Call 811 before you dig.
 BLUE STAKES OF UTAH
 UTILITY NOTIFICATION CENTER, INC.
 www.bluestakes.org
 1-800-662-4111

THE CONTRACTOR IS TO CALL BLUE STAKES PRIOR TO ANY CONSTRUCTION.

CENTER OF SECTION 29, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY. FOUND WEBER COUNTY SURVEY BRASS CAP MONUMENT 5' BELOW GROUND



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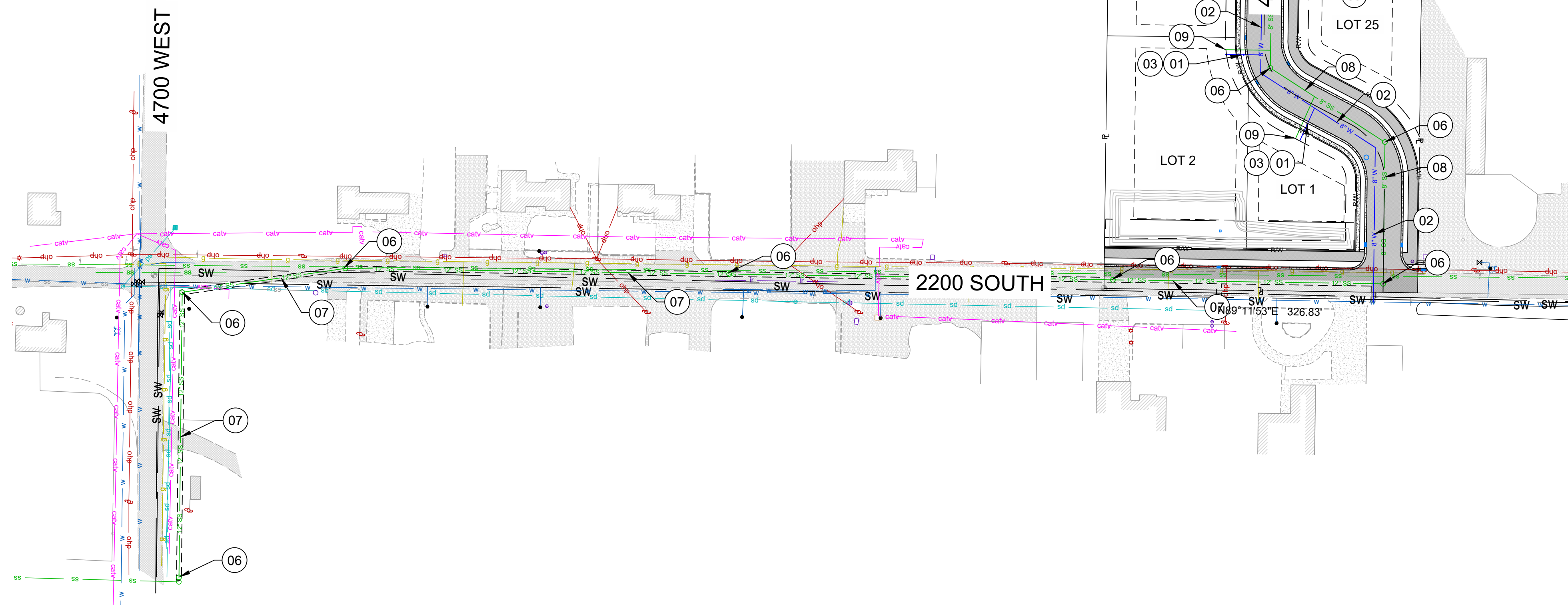
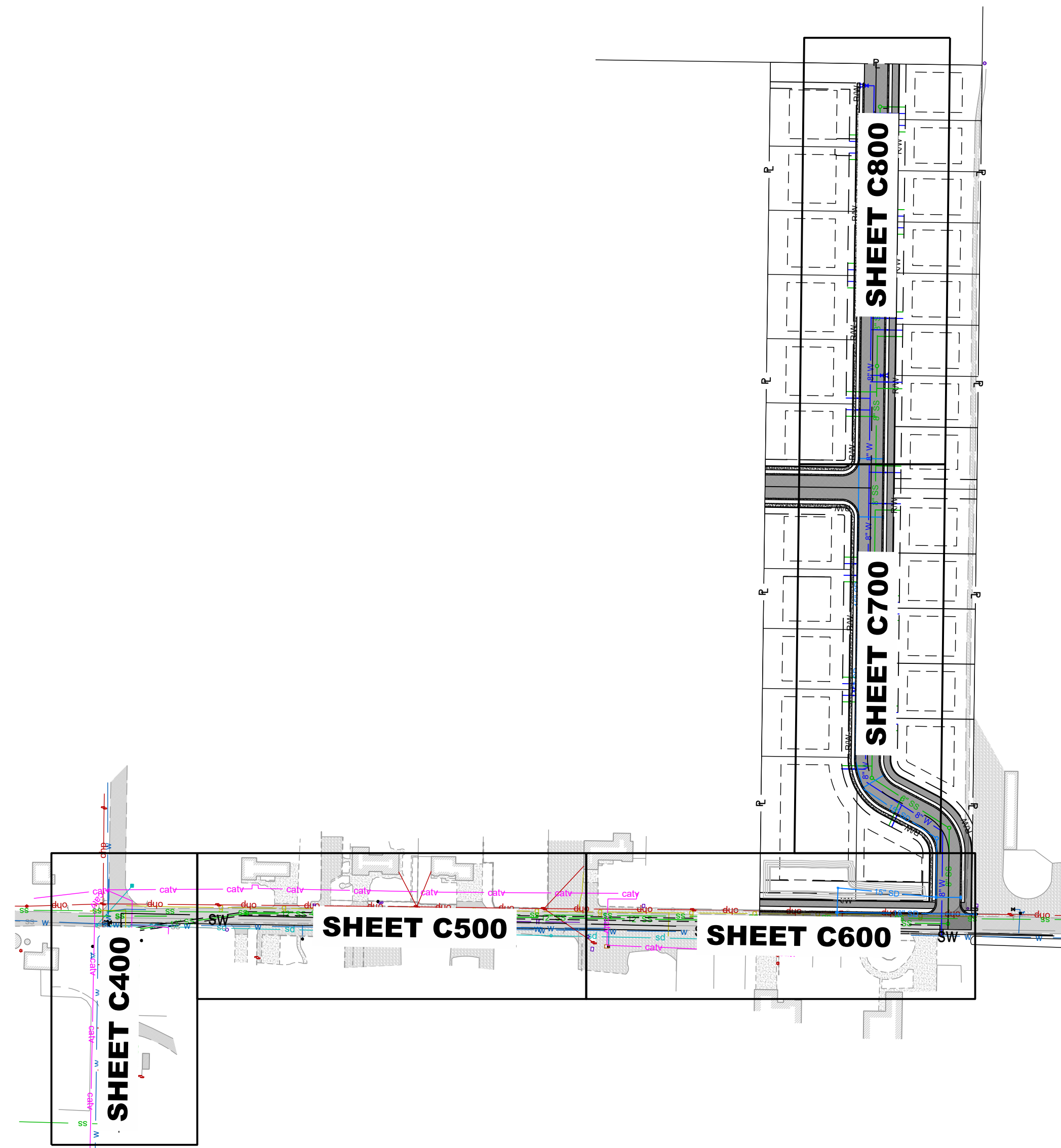
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REV	COMMENT

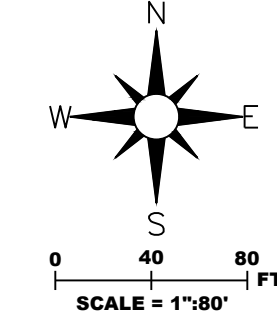
SHEET NO. **C200**
 PRELIMINARY
 SITE PLAN

DEVELOPER
 CTBHOMES
 2205 SOUTH 400 EAST
 CLEARFIELD, UTAH 84015
 801-725-3511



DEAN & KATHY MARTIN
150900020

WHITE, BYRON D
150900057



KEYNOTES:

- 01 1" WATER METER PER TAYLOR WEST WEBER WATER DISTRICT STANDARDS
- 02 8" C900 DR-14 CULINARY WATER MAIN
- 03 1" POLY WATER LATERAL PER TAYLOR WEST WEBER WATER DISTRICT STANDARDS
- 04 6" C900 DR-14 WATER LINE
- 05 FIRE HYDRANT ASSEMBLY PER WEBER COUNTY STANDARDS
- 06 5' SEWER MANHOLE PER CENTRAL WEBER SEWER IMPROVEMENT DISTRICT STD DWG #D-1
- 07 12" SDR-35 SEWER MAIN
- 08 8" SDR-35 SEWER MAIN
- 09 4" SDR-35 SEWER LATERAL PER CENTRAL WEBER SEWER IMPROVEMENT DISTRICT STD DWG #D-6



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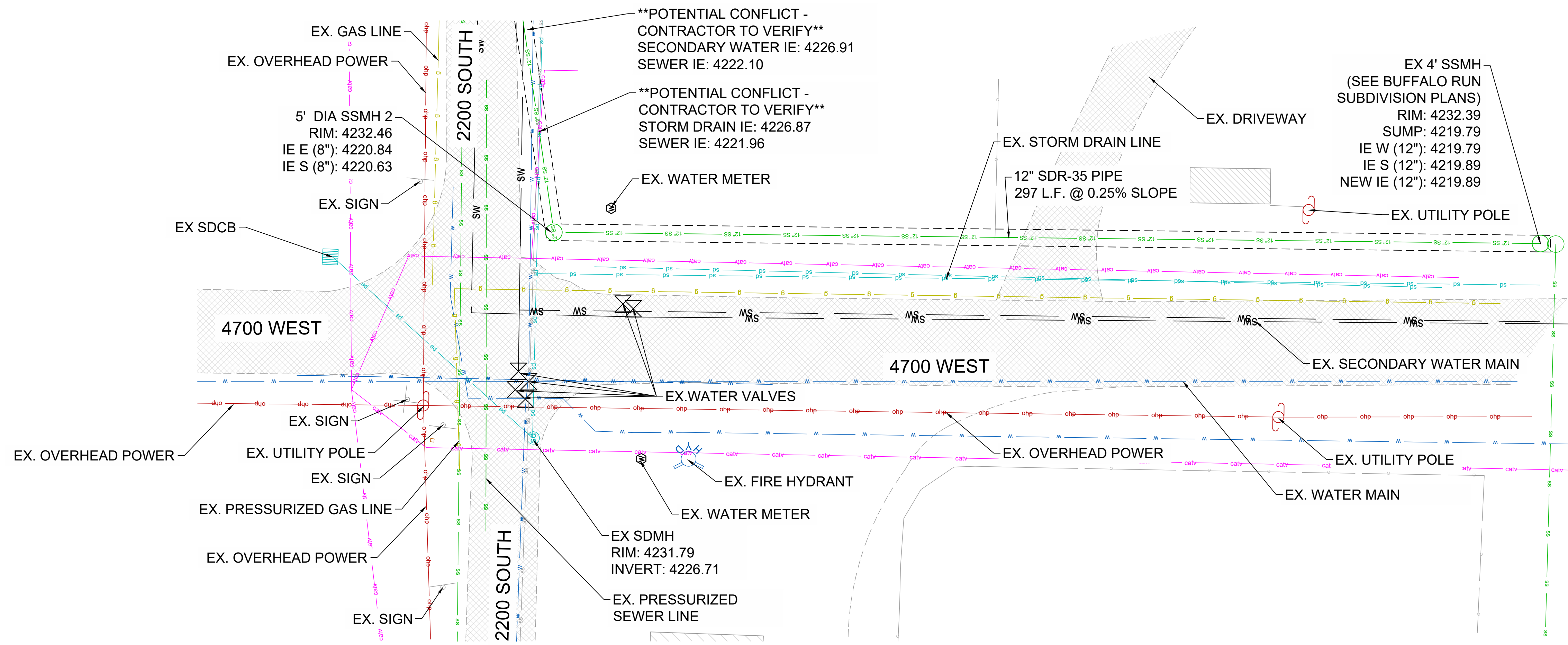


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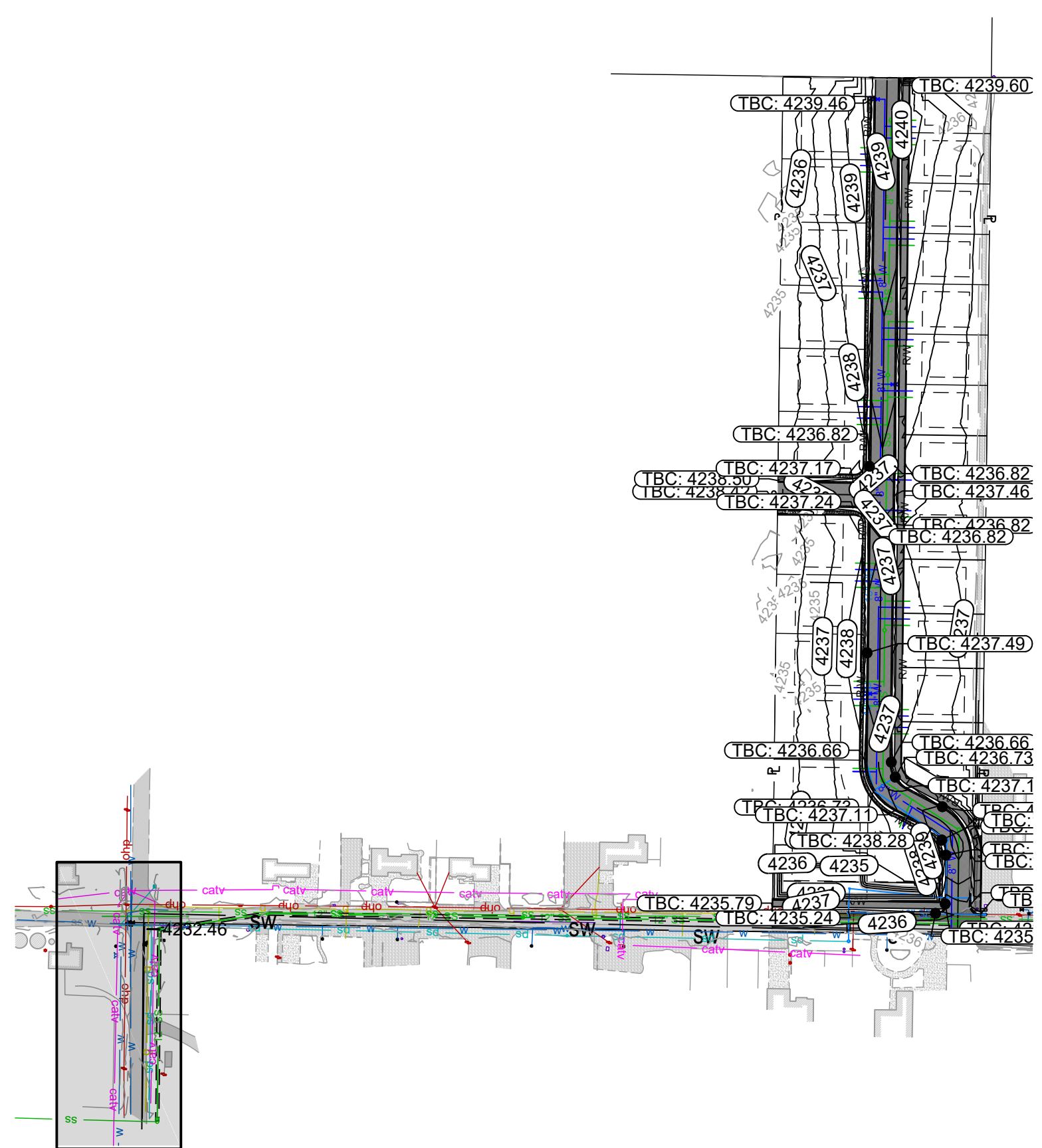
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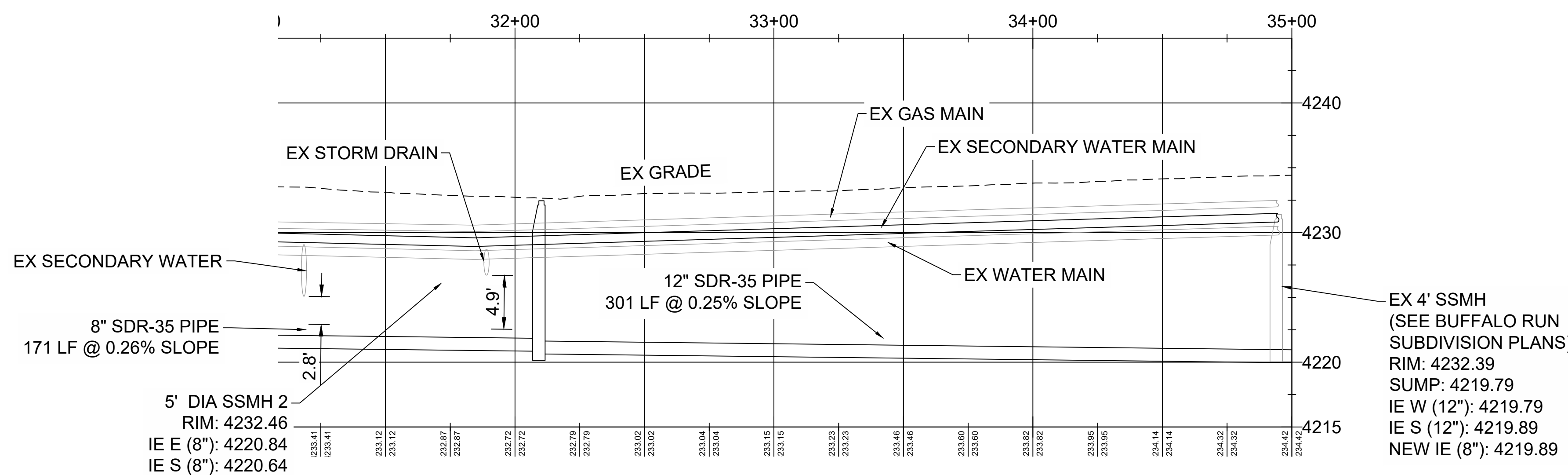
SHEET NO.
C300
PRELIMINARY
UTILITY PLAN



4700 WEST PLAN VIEW



REFERENCE PLAN



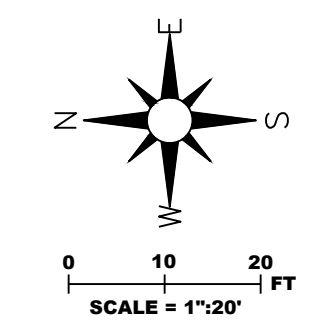
4700 WEST PROFILE VIEW

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THE CONTRACTOR IS TO CALL BLUE STAKES PRIOR TO ANY CONSTRUCTION.



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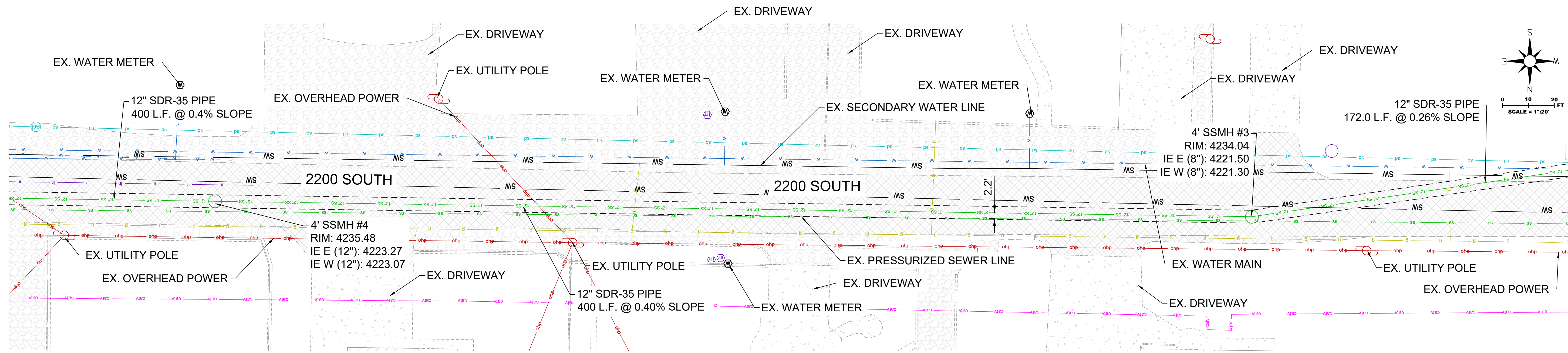
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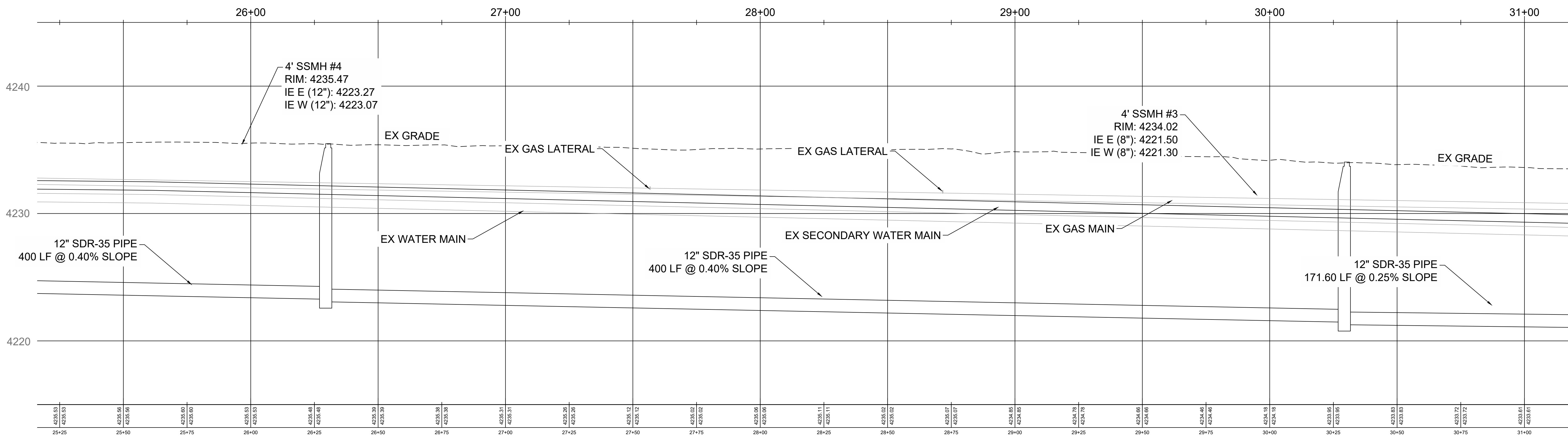
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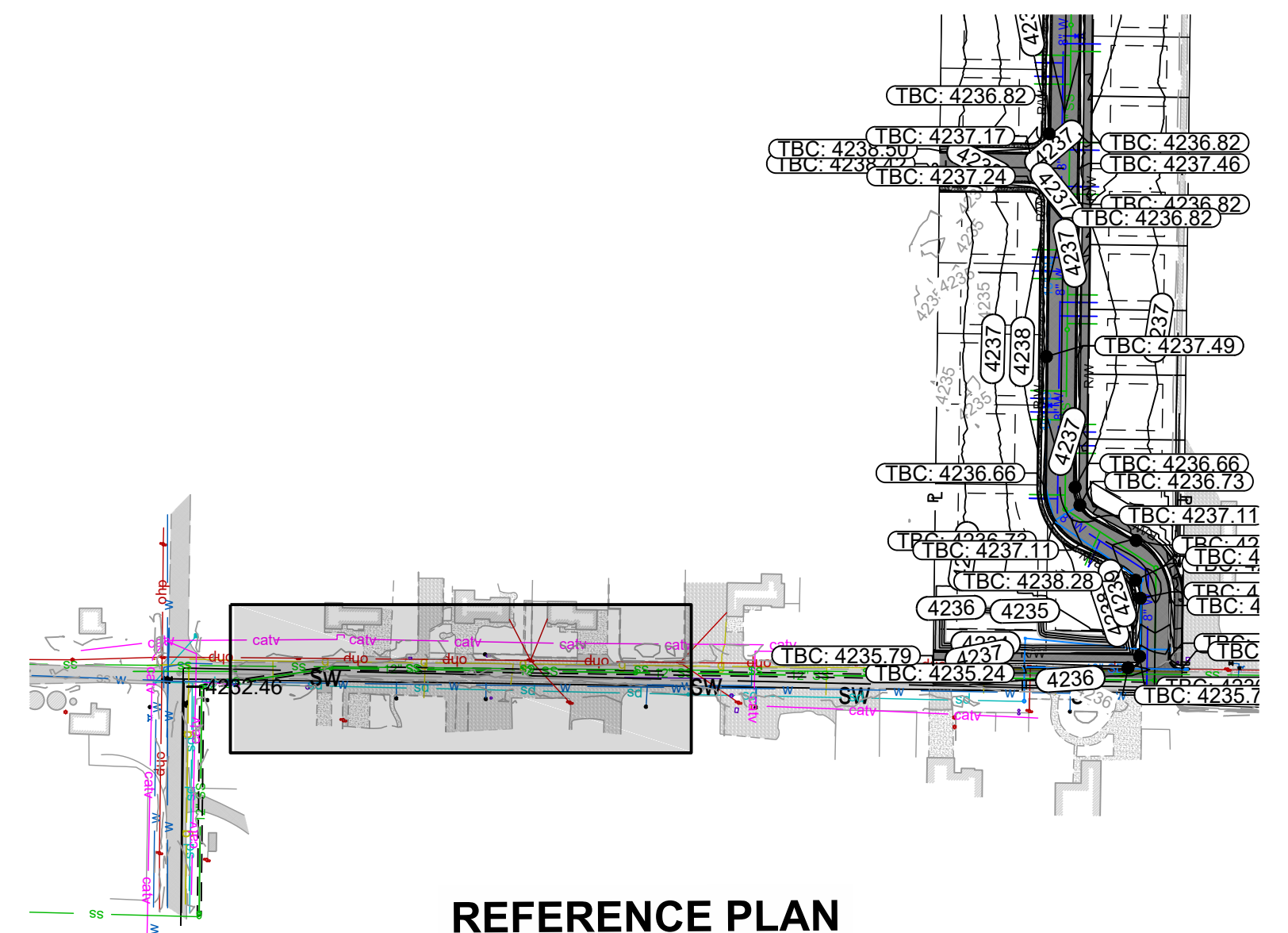
C301
PRELIMINARY
4700 WEST PLAN
AND PROFILE



2200 SOUTH PLAN VIEW



2200 SOUTH PROFILE VIEW



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REV	COMMENT

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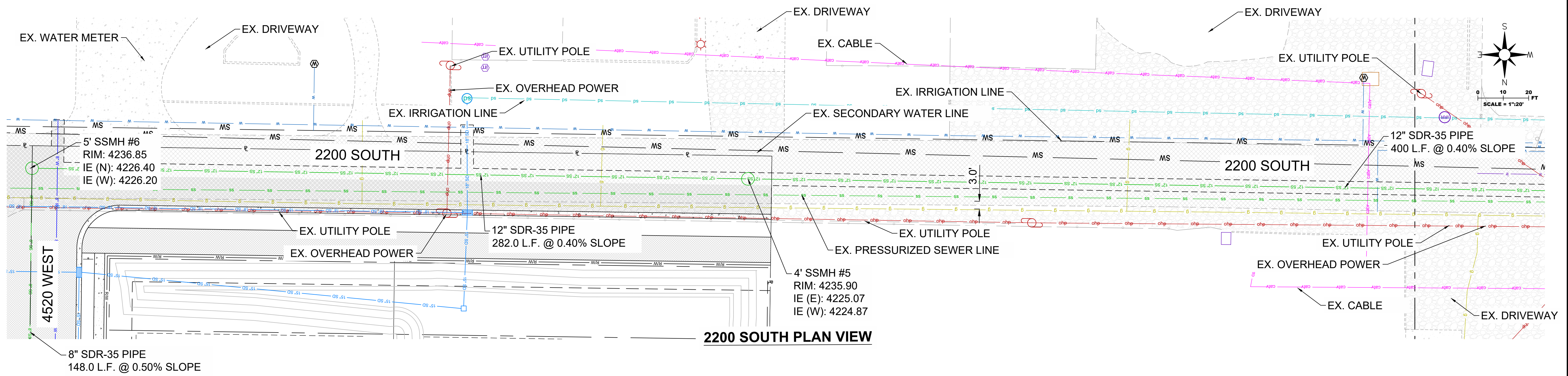
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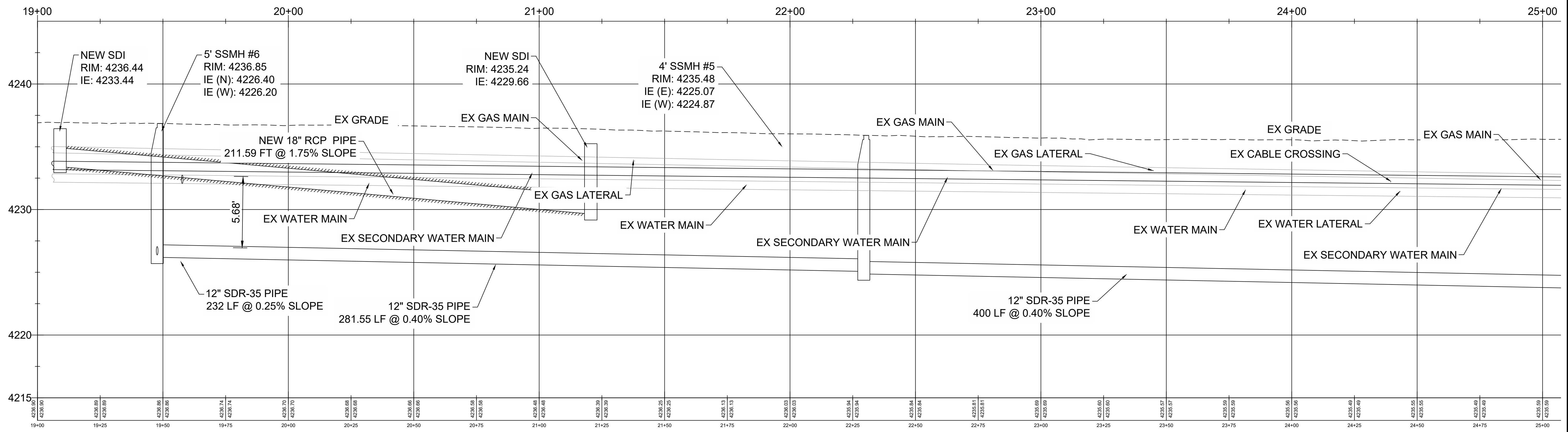
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SHEET NO.

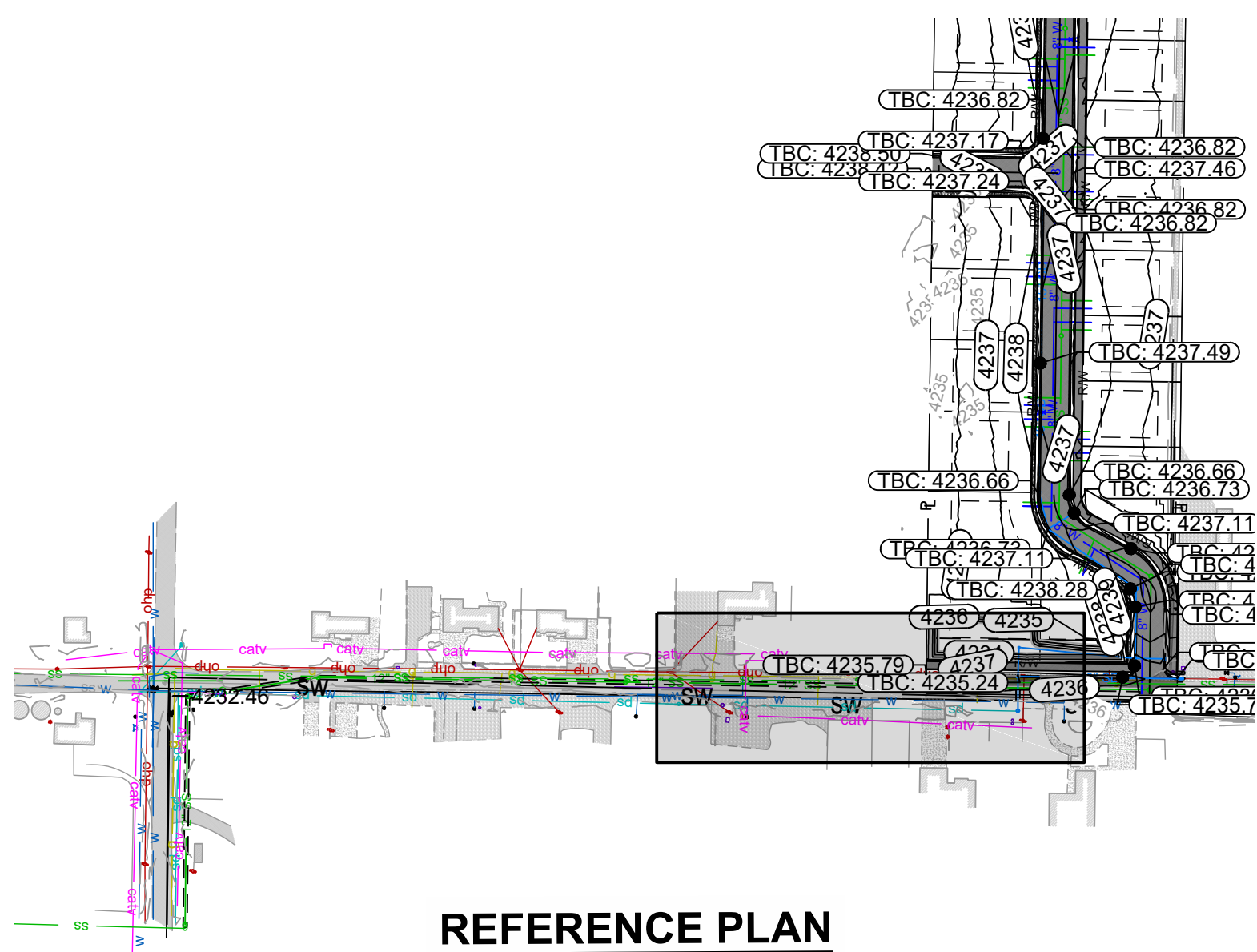
C302
PRELIMINARY
2200 SOUTH PLAN
AND PROFILE



2200 SOUTH PLAN VIEW



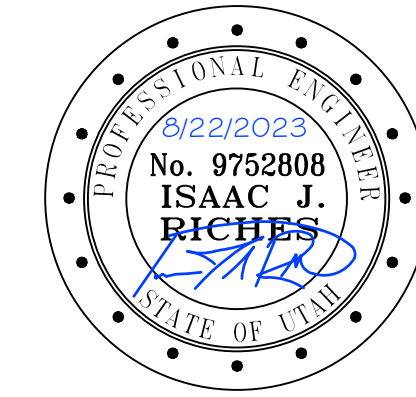
2200 SOUTH PROFILE VIEW



REFERENCE PLAN



1246 E Driggs Ave
SLC, UT 84106
isaac@irecivil.com (801) 860-2191



SINGLETREE ACRES SUBDIVISION
4520 WEST 2200 SOUTH
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST
CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES1992@GMAIL.COM

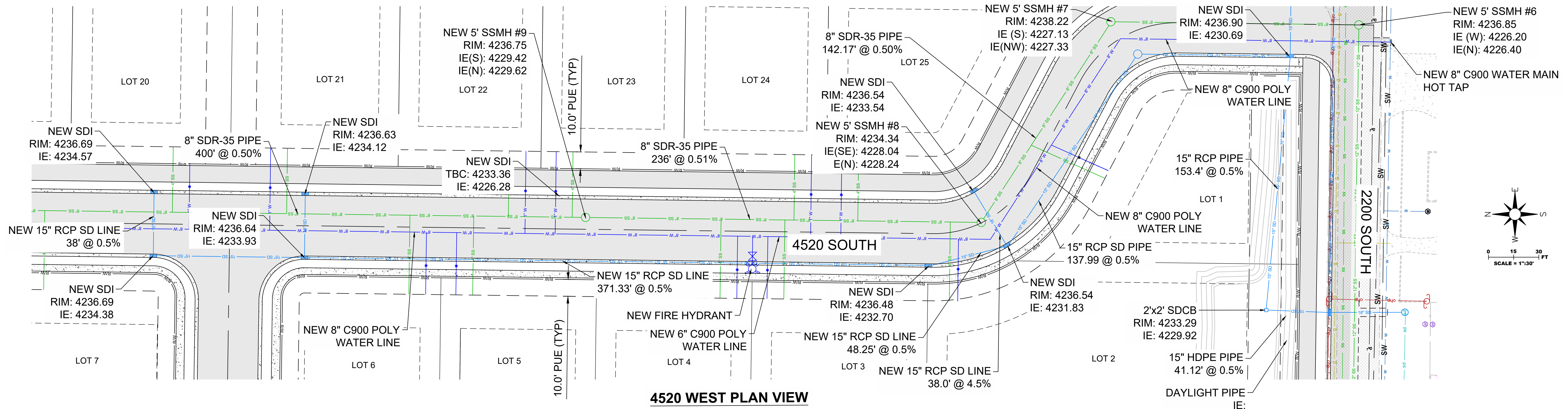
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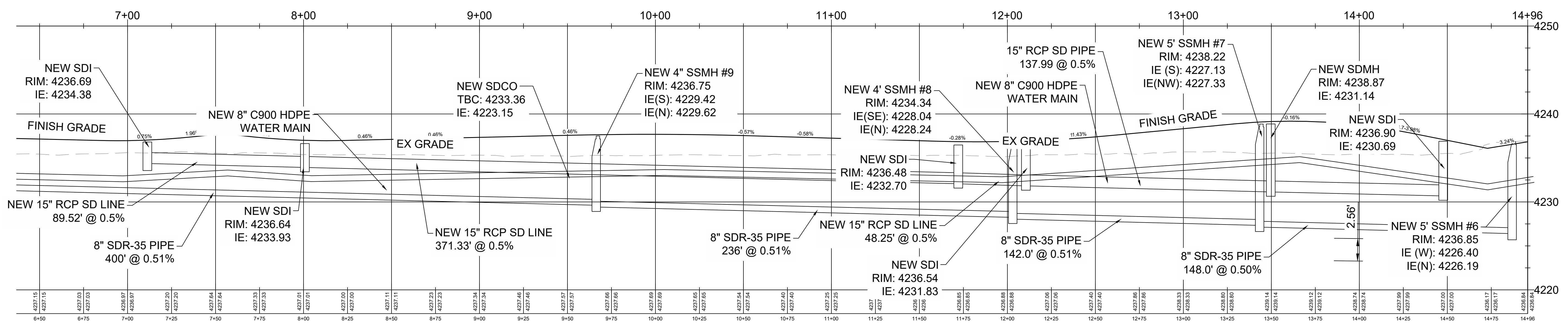


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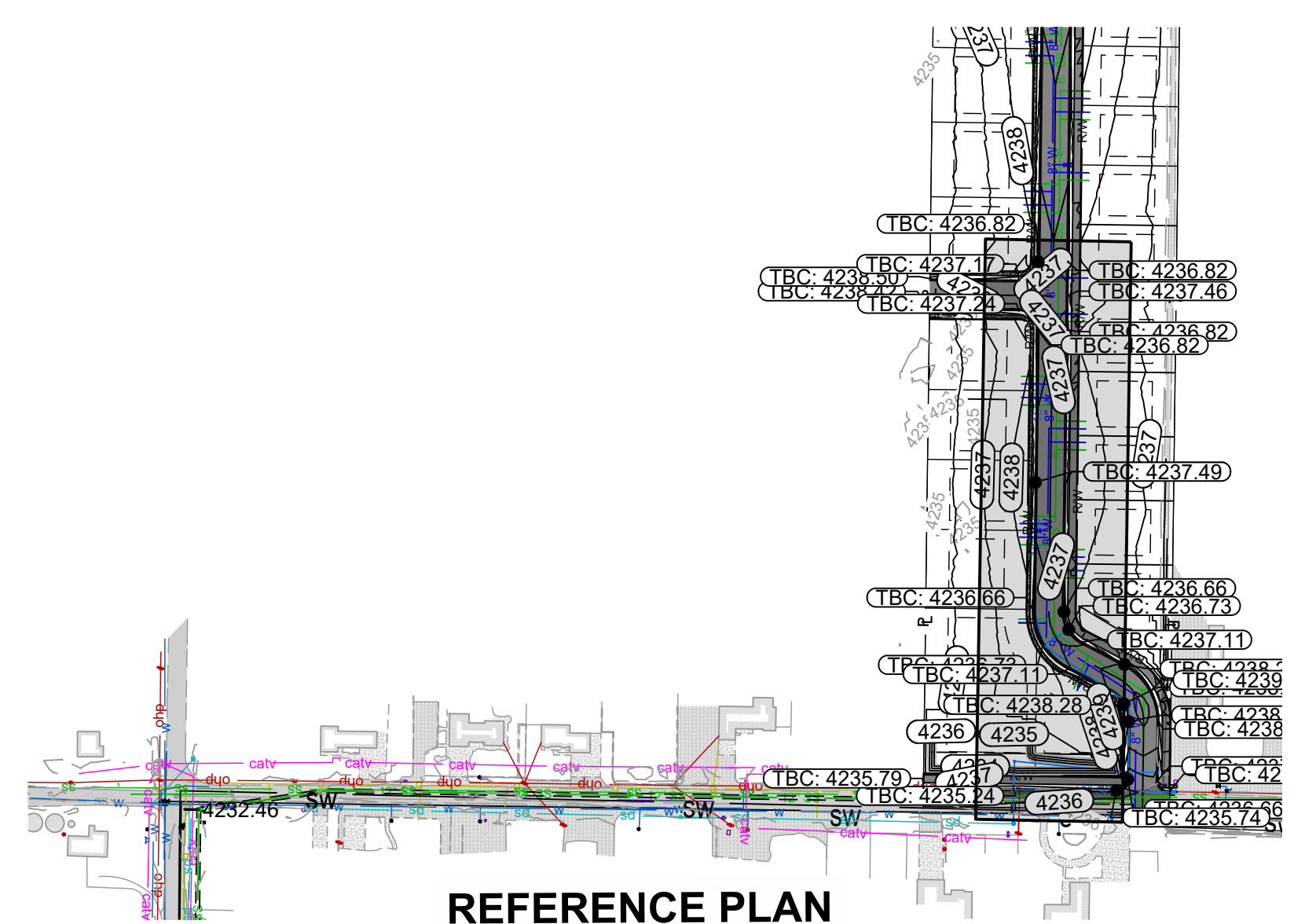
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C303
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AND PROFILE



4520 WEST PLAN VIEW



4520 WEST PROFILE VIEW



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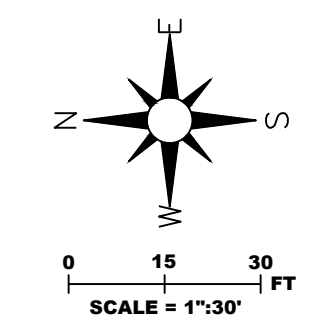
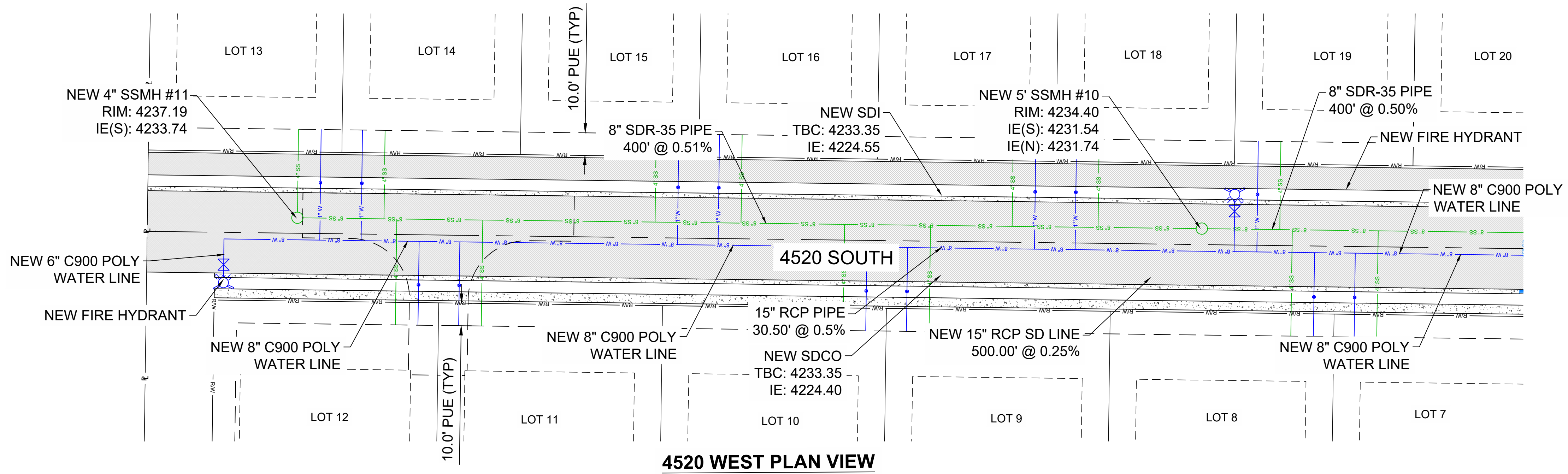
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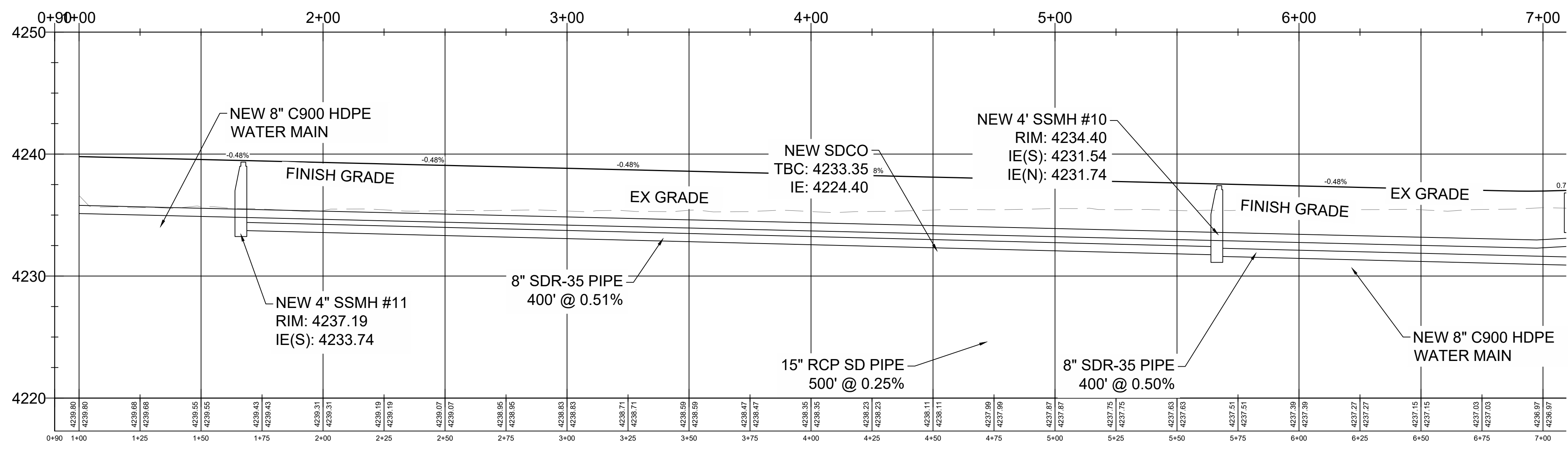
C304
PRELIMINARY
2200 SOUTH PLAN
AND PROFILE



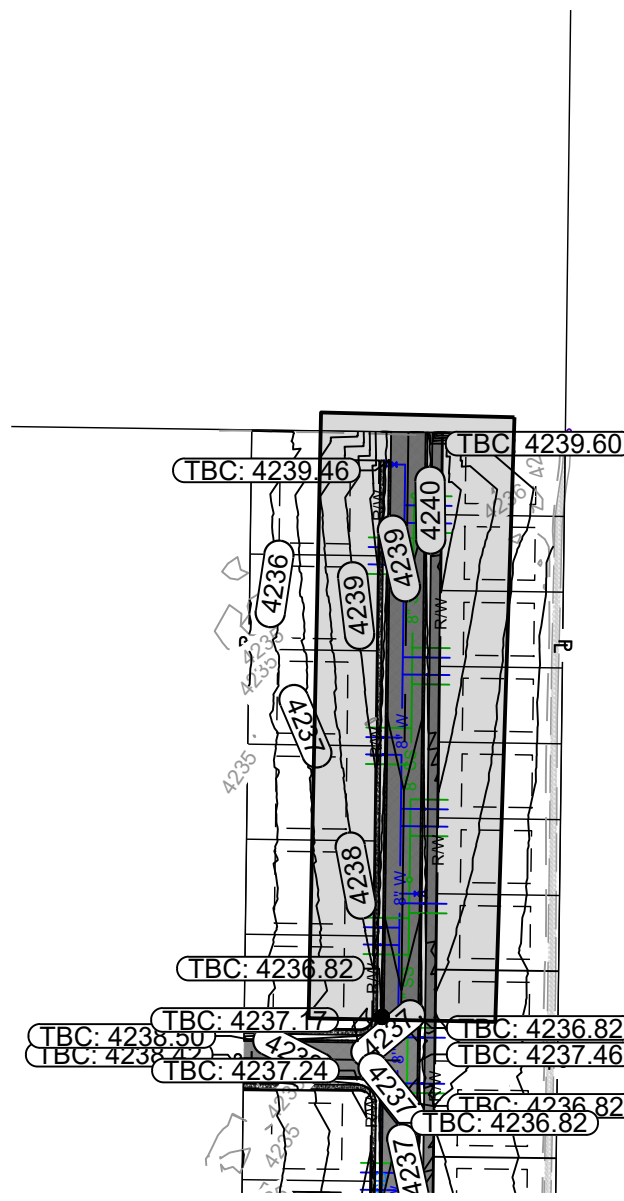
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SLC, UT 84106
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4520 WEST PLAN VIEW



4520 WEST PROFILE VIEW



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REV	COMMENT

SHEET NO.
C305
PRELIMINARY
2200 SOUTH PLAN
AND PROFILE

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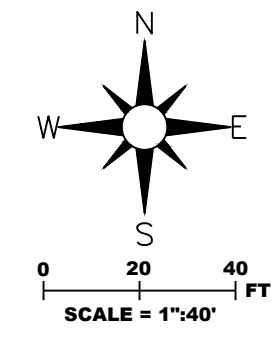
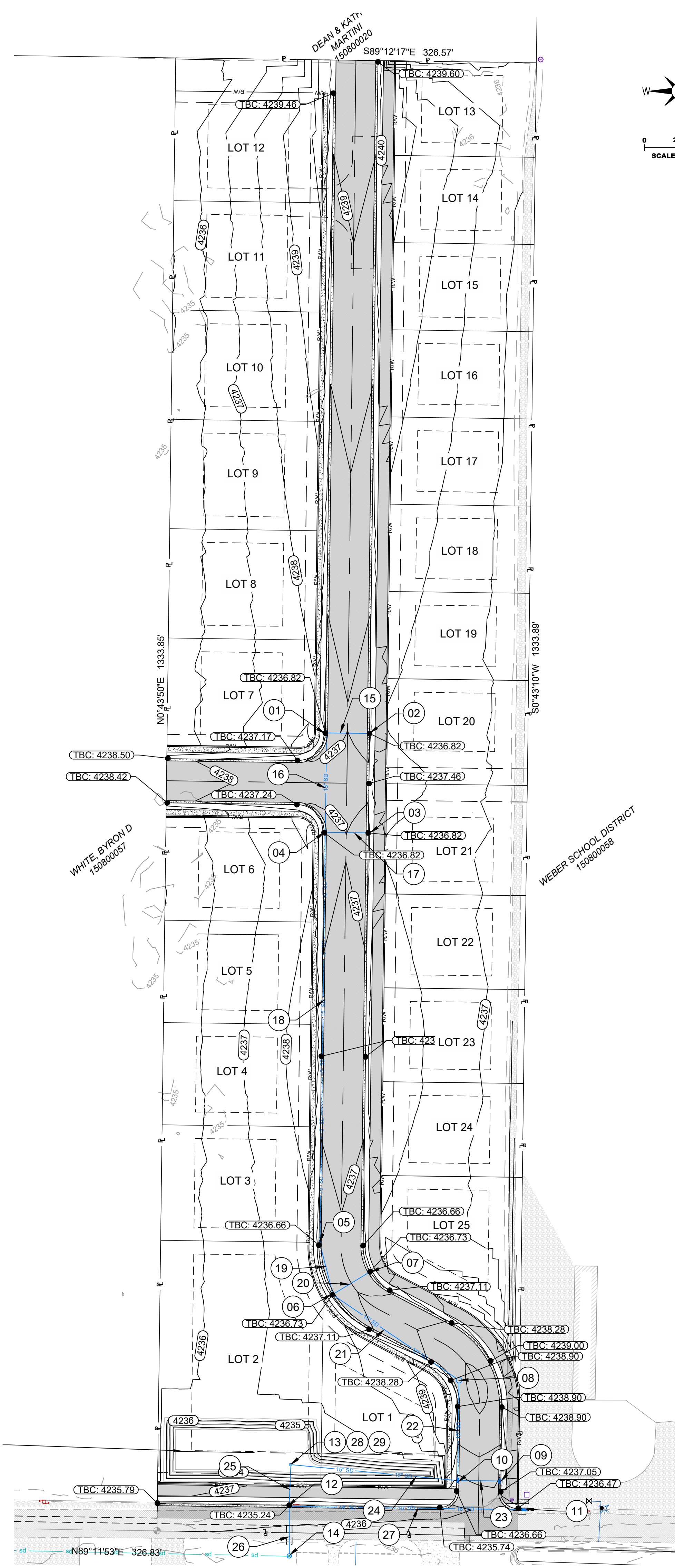


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KEYNOTES:

- 01 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.69
IE: 4234.38
- 02 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.64
IE: 4234.57
- 03 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.63
IE: 4234.12
- 04 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.64
IE: 4233.93
- 05 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.48
IE: 4232.07
- 06 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.54
IE: 4231.46
- 07 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.54
IE: 4233.54
- 08 NEW SDMH PER WEBER COUNTY STD DWG #16 '
RIM: 4238.87
IE: 4231.14
- 09 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.99
IE: 4233.99
- 10 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.90
IE: 4230.69
- 11 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4236.44
IE: 4233.44
- 12 NEW SDI PER WEBER COUNTY STD DWG #14 'TYPE IV'
RIM: 4235.24
IE: 4229.66
- 13 NEW 2x2 SDCB PER APWA DWG #
RIM: 4236.90
IE: 4230.69
- 14 EX SDMH
RIM: 4235.39
IE: 4229.32
- 15 NEW 15" RCP PIPE
38.50 FT LENGTH @ 0.5% SLOPE
- 16 NEW 15" RCP PIPE
89.50 FT LENGTH @ 0.5% SLOPE
- 17 NEW 15" RCP PIPE
89.00 FT LENGTH @ 0.5% SLOPE
- 18 NEW 15" RCP PIPE
371.80 FT LENGTH @ 0.5% SLOPE
- 19 NEW 15" RCP PIPE
48.25 FT LENGTH @ 0.5% SLOPE
- 20 NEW 15" RCP PIPE
38.0 FT LENGTH @ 4.5% SLOPE
- 21 NEW 15" RCP PIPE
138.0 FT LENGTH @ 0.5% SLOPE
- 22 NEW 15" RCP PIPE
90.78 FT LENGTH @ 0.5% SLOPE
- 23 NEW 15" RCP PIPE
38.0 FT LENGTH @ 8.7% SLOPE
- 24 NEW 15" RCP PIPE
153.4 FT LENGTH @ 0.5% SLOPE
- 25 NEW 15" RCP PIPE
36.94 FT LENGTH @ 0.7% SLOPE
- 26 NEW 18" RCP PIPE
45.81 FT LENGTH @ 0.75% SLOPE
- 27 NEW 18" RCP PIPE
211.59 FT LENGTH @ 1.79% SLOPE
- 28 SNOUT
- 29 ORIFICE PLATE

NEW RETENTION POND
POND VOLUME = 16,941.70 CU FT
REQ'D POND VOLUME = 15,047.53 CU FT
TOP OF POND ELEVATION = 4236.79
HIGH WATER MARK = 4235.79
BOTTOM OF POND = 4233.29
3:1 SIDE SLOPES
1' OF FREEBOARD



STORM CALCULATIONS					
	AREA	RATIONAL RUNOFF COEFFICIENT 'C'		WEIGHTED C	
Building Area	50000.00 ft ²	C _b	0.85	0.16	
Pavement Area	80053.50 ft ²	C _p	0.85	0.26	
Landscape Area	130169.00 ft ²	C _l	0.2	0.10	
Total Area 'A'	260222.50 ft ²	WEIGHTED C		0.15	
	5.97 Acres				
CA	3.14				
DESIGN FREQUENCY					
	100 year NOAA Storm	Release Rate 'R'	0.20 ft ³ /sec/Acre		
Rain fall data from NOAA					
T	RAIN FALL	C*A	RAIN FALL * C*A	DISCHARGE, D	STORAGE
15 min	4.09 in/hr	136579.28 ft ²	11637.69 ft ³	1075.30 ft ³	10562.39 ft ³
30 min	2.75 in/hr	136579.28 ft ²	15649.71 ft ³	2150.60 ft ³	13499.11 ft ³
60 min	1.70 in/hr	136579.28 ft ²	19348.73 ft ³	4301.20 ft ³	15047.53 ft ³
180 min	0.63 in/hr	136579.28 ft ²	21613.67 ft ³	12903.60 ft ³	8710.08 ft ³
360 min	0.35 in/hr	136579.28 ft ²	24106.24 ft ³	25807.19 ft ³	-1700.95 ft ³
720 min	0.22 in/hr	136579.28 ft ²	29364.54 ft ³	51614.38 ft ³	-22249.84 ft ³
1440 min	0.12 in/hr	136579.28 ft ²	32505.87 ft ³	103228.76 ft ³	-70722.89 ft ³
EQUATION		CA = C*A	F = d/12*CA	D=R*A*60/T	Storage = F-D

** BACKYARD RETENTION REQUIRED ON THESE LOTS



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NOTE:
ALL PROPOSED IMPROVEMENTS IN THIS DESIGN COMPLY WITH WEBER COUNTY DESIGN AND CONSTRUCTION STANDARDS AND SHALL COMPLY DURING CONSTRUCTION OF THE PROJECT.



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REV	COMMENT

SHEET NO.

C400
PRELIMINARY
GRADING/DRAINAGE
PLAN