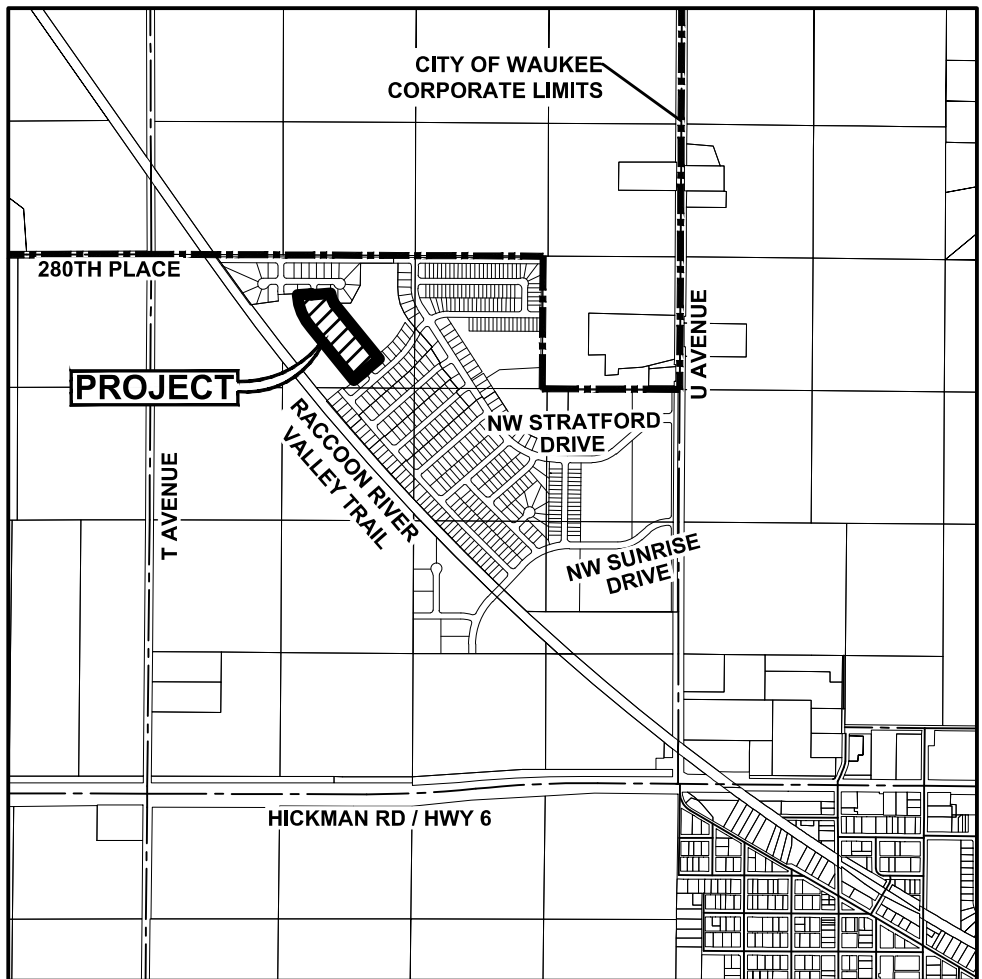


CONSTRUCTION PLANS FOR: STRATFORD CROSSING PLAT 12

WAUKEE, IOWA

VICINITY MAP

NOT TO SCALE



WAUKEE, IOWA

OWNER

STRATFORD CROSSING, LLC
9550 HICKMAN ROAD, SUITE 100
CLIVE, IOWA 50325
CONTACT: BILL SPENCER

DEVELOPER

LANDMARK DEVELOPMENT SERVICES
9550 HICKMAN ROAD, SUITE 100
CLIVE, IOWA 50325
CONTACT: BILL SPENCER

ENGINEER

CIVIL DESIGN ADVANTAGE
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
CONTACT: ERIN OLLENDIKE
EMAIL: ERINO@CDA-ENG.COM
PH. (515) 369-4400
FX. (515) 369-4410

SURVEYOR

CIVIL DESIGN ADVANTAGE
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
CONTACT: CHARLIE MCGLOTHLEN
EMAIL: CHARLIEM@CDA-ENG.COM
PH. (515) 369-4400
FX. (515) 369-4410

ZONING

R-2 - ONE AND TWO FAMILY RESIDENTIAL DISTRICT

DATE OF SURVEY

SEPTEMBER 15, 2017

SUBMITTAL DATES

FIRST SUBMITTAL: 03/29/2022
SECOND SUBMITTAL: 04/25/2022
THIRD SUBMITTAL: 05/11/2022
FINAL SUBMITTAL: 05/19/2022
AS-BUILT SUBMITTAL: 11/01/2024

BENCHMARKS

BENCHMARK #1
USGS MONUMENT ALUMINUM ROD WITH CAP STAMPED G121 AND NGS ACCESS COVER 3" DEEP. EAST SIDE OF R AVE. (R16) 0.1 MILES SOUTH OF 300TH STREET.
ELEVATION=1032.83

BENCHMARK #2
PK NAIL 3' NORTH OF CENTERLINE EASTBOUND HIGHWAY 6 AT THE SE CORNER OF SW SE
ELEVATION=1040.27

BULK REGULATIONS

R-2: ONE- AND TWO- FAMILY RESIDENTIAL DISTRICT

FRONT YARD: 30 FEET
SIDE YARD: A TOTAL OF 15 FEET - ONE SIDE MAY BE REDUCED TO NOT LESS THAN 7 FEET
REAR YARD: 30 FEET

UTILITY WARNING

THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

CONSTRUCTION SCHEDULE

ANTICIPATED START DATE: SPRING 2022
ANTICIPATED FINISH DATE: FALL 2022

NOTES

- ANY CHANGES PROPOSED TO THE CONSTRUCTION DRAWINGS DURING CONSTRUCTION SHALL BE APPROVED IN WRITING BY THE WAUKEE ENGINEERING DEPARTMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES MADE DURING CONSTRUCTION THAT HAVE NOT BEEN GRANTED APPROVAL IN WRITING BY THE WAUKEE ENGINEERING DEPARTMENT.
- THE RESULTS OF THE GEOTECHNICAL REPORT, BY THIELE GEOTECH, INC. (PN 02.17120.0) DATED JANUARY 25, 2018, HAVE BEEN PROVIDED TO THE CITY OF WAUKEE ENGINEERING DEPARTMENT. THE CONSTRUCTION DRAWINGS ARE SUBJECT TO ANY CHANGES REQUIRED BY THE REPORT.

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2-3	TYPICAL SECTIONS AND DETAILS
4	QUANTITIES, GENERAL NOTES, AND BID ITEM REFERENCE NOTES
5	HYDRANT COVERAGE PLAN
6	GRADING PLAN
7	EROSION AND SEDIMENT CONTROL PLAN
8-12	STORM AND SANITARY SEWER PLAN AND PROFILE
13-14	WATERMAIN PLAN AND PROFILE

LEGAL DESCRIPTION

A PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 79 NORTH, RANGE 26 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF WAUKEE, DALLAS COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF LOT 14, STRATFORD CROSSING PLAT 10, AN OFFICIAL PLAT IN SAID CITY OF WAUKEE; THENCE NORTH 86°21'02" EAST ALONG THE SOUTHERLY LINE OF SAID STRATFORD CROSSING PLAT 10, A DISTANCE OF 135.00 FEET; THENCE SOUTHERLY CONTINUING ALONG SAID SOUTHERLY LINE AND A CURVE CONCAVE EASTERLY WHOSE RADIUS IS 400.00 FEET, WHOSE ARC LENGTH IS 10.34 FEET AND WHOSE CHORD BEARS SOUTH 04°23'23" EAST, 10.34 FEET; THENCE NORTH 84°52'11" EAST CONTINUING ALONG SAID SOUTHERLY LINE, 195.00 FEET; THENCE SOUTH 12°58'40" EAST CONTINUING ALONG SAID SOUTHERLY LINE, 55.98 FEET; THENCE SOUTH 28°40'23" EAST CONTINUING ALONG SAID SOUTHERLY LINE, 51.28 FEET; THENCE SOUTH 28°40'23" EAST, 4.70 FEET; THENCE SOUTH 39°07'50" EAST, 68.30 FEET; THENCE SOUTH 39°20'19" EAST, 601.59 FEET TO THE NORTHWESTERLY LINE OF STRATFORD CROSSING PLAT 11, AN OFFICIAL PLAT IN SAID CITY OF WAUKEE; THENCE SOUTH 39°20'19" EAST ALONG SAID NORTHWESTERLY LINE, 41.91 FEET; THENCE SOUTH 50°39'41" WEST CONTINUING ALONG SAID NORTHWESTERLY LINE, 195.00 FEET; THENCE SOUTH 39°20'19" EAST CONTINUING ALONG SAID NORTHWESTERLY LINE, 5.76 FEET; THENCE SOUTH 50°39'41" WEST CONTINUING ALONG SAID NORTHWESTERLY LINE, 135.00 FEET; THENCE NORTH 39°20'19" WEST, 675.00 FEET; THENCE NORTH 37°34'53" WEST, 85.39 FEET; THENCE NORTH 28°39'53" WEST, 93.31 FEET; THENCE NORTH 18°39'31" WEST, 93.31 FEET; THENCE NORTH 08°39'09" WEST, 93.31 FEET TO THE POINT OF BEGINNING AND CONTAINING 7.04 ACRES (306,580 SQUARE FEET).
THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.

AS-BUILT DRAWINGS

AS-BUILT PLANS ARE BASED ON SURVEYED INVERT ELEVATIONS AND INFORMATION SUPPLIED BY THE CONTRACTOR. CIVIL DESIGN ADVANTAGE TAKES NO RESPONSIBILITY FOR UNAUTHORIZED CHANGES TO THE PLANS WITHOUT CITY/OWNER KNOWLEDGE. FIELD VERIFICATION OF UTILITIES OR OTHER PLAN ELEMENTS IS ALWAYS RECOMMENDED.

GENERAL LEGEND

PROPOSED

PROPERTY BOUNDARY
SECTION LINE
CENTER LINE
RIGHT OF WAY
BUILDING SETBACK
PERMANENT EASEMENT
TEMPORARY EASEMENT

TYPE SW-501 STORM INTAKE

TYPE SW-502 STORM INTAKE

TYPE SW-503 STORM INTAKE

TYPE SW-505 STORM INTAKE

TYPE SW-506 STORM INTAKE

TYPE SW-512 STORM INTAKE

TYPE SW-513 STORM INTAKE

TYPE SW-401 STORM MANHOLE

TYPE SW-402 STORM MANHOLE

FLARED END SECTION

TYPE SW-301 SANITARY MANHOLE

STORM/SANITARY CLEANOUT

WATER VALVE

FIRE HYDRANT ASSEMBLY

SIGN

DETECTABLE WARNING PANEL

WATER CURB STOP

STORM SEWER STRUCTURE NO.

STORM SEWER PIPE NO.

SANITARY SEWER STRUCTURE NO.

SANITARY SEWER PIPE NO.

SANITARY SEWER

STORM SEWER

WATERMAIN WITH SIZE

WATER SERVICE

SAWCUT (FULL DEPTH)

SILT FENCE

USE AS CONSTRUCTED

MINIMUM OPENING ELEVATION

PROPERTY BOUNDARY
SECTION LINE
CENTER LINE
RIGHT OF WAY
BUILDING SETBACK
PERMANENT EASEMENT
TEMPORARY EASEMENT

TYPE SW-501 STORM INTAKE

TYPE SW-502 STORM INTAKE

TYPE SW-503 STORM INTAKE

TYPE SW-505 STORM INTAKE

TYPE SW-506 STORM INTAKE

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SANITARY SEWER STRUCTURE NO.

SANITARY SEWER PIPE NO.

SANITARY SEWER

STORM SEWER

WATERMAIN WITH SIZE

WATER SERVICE

SAWCUT (FULL DEPTH)

SILT FENCE

USE AS CONSTRUCTED

MINIMUM OPENING ELEVATION

EXISTING

SANITARY MANHOLE
WATER VALVE BOX
FIRE HYDRANT
WATER CURB STOP
WELL
STORM SEWER MANHOLE
STORM SEWER SINGLE INTAKE
STORM SEWER DOUBLE INTAKE
FLARED END SECTION
DECIDUOUS TREE
CONIFEROUS TREE
DECIDUOUS SHRUB
CONIFEROUS SHRUB
ELECTRIC POWER POLE
GUY ANCHOR
STREET LIGHT
POWER POLE W/ TRANSFORMER
UTILITY POLE W/ LIGHT
ELECTRIC BOX
ELECTRIC TRANSFORMER
ELECTRIC MANHOLE OR VAULT
TRAFFIC SIGN
TELEPHONE JUNCTION BOX
TELEPHONE MANHOLE/VAULT
TELEPHONE POLE
GAS VALVE BOX
CABLE TV JUNCTION BOX
CABLE TV MANHOLE/VAULT
MAIL BOX
BENCHMARK
SOIL BORING
UNDERGROUND TV CABLE
GAS MAIN
FIBER OPTIC
UNDERGROUND TELEPHONE
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
FIELD TILE
SANITARY SEWER WITH SIZE
STORM SEWER WITH SIZE
WATER MAIN WITH SIZE

SANITARY MANHOLE
WATER VALVE BOX
FIRE HYDRANT
WATER CURB STOP
WELL
STORM SEWER MANHOLE
STORM SEWER SINGLE INTAKE
STORM SEWER DOUBLE INTAKE
FLARED END SECTION
DECIDUOUS TREE
CONIFEROUS TREE
DECIDUOUS SHRUB
CONIFEROUS SHRUB
ELECTRIC POWER POLE
GUY ANCHOR
STREET LIGHT
POWER POLE W/ TRANSFORMER
UTILITY POLE W/ LIGHT
ELECTRIC BOX
ELECTRIC TRANSFORMER
ELECTRIC MANHOLE OR VAULT
TRAFFIC SIGN
TELEPHONE JUNCTION BOX
TELEPHONE MANHOLE/VAULT
TELEPHONE POLE
GAS VALVE BOX
CABLE TV JUNCTION BOX
CABLE TV MANHOLE/VAULT
MAIL BOX
BENCHMARK
SOIL BORING
UNDERGROUND TV CABLE
GAS MAIN
FIBER OPTIC
UNDERGROUND TELEPHONE
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
FIELD TILE
SANITARY SEWER WITH SIZE
STORM SEWER WITH SIZE
WATER MAIN WITH SIZE

TYPE SW-501 STORM INTAKE

TYPE SW-502 STORM INTAKE

TYPE SW-503 STORM INTAKE

TYPE SW-505 STORM INTAKE

TYPE SW-506 STORM INTAKE

TYPE SW-512 STORM INTAKE

TYPE SW-513 STORM INTAKE

TYPE SW-401 STORM MANHOLE

TYPE SW-402 STORM MANHOLE

FLARED END SECTION

TYPE SW-301 SANITARY MANHOLE

STORM/SANITARY CLEANOUT

WATER VALVE

FIRE HYDRANT ASSEMBLY

SIGN

DETECTABLE WARNING PANEL

WATER CURB STOP

STORM SEWER STRUCTURE NO.

STORM SEWER PIPE NO.

SANITARY SEWER STRUCTURE NO.

SANITARY SEWER PIPE NO.

SANITARY SEWER

STORM SEWER

WATERMAIN WITH SIZE

WATER SERVICE

SAWCUT (FULL DEPTH)

SILT FENCE

USE AS CONSTRUCTED

MINIMUM OPENING ELEVATION

ALL CONSTRUCTION SHALL CONFORM TO THE PROJECT SPECIFICATIONS AND THE SOILS REPORT PREPARED BY THIELE GEOTECH, INC. (PN 02.17120.0) DATED JANUARY 25, 2018.

THIS PROJECT REQUIRES AN IOWA NPDES PERMIT #2. CIVIL DESIGN ADVANTAGE WILL PROVIDE THE PERMITS AND THE INITIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE CONTRACTORS USE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING THE SWPPP THROUGHOUT CONSTRUCTION AND MEETING LOCAL, STATE AND FEDERAL REQUIREMENTS.

THIS DESIGN SPECIFICALLY PREPARED FOR USE AT THE LOCATION SHOWN. USE IN ANY OTHER MANNER EXCEEDS THE INTENDED PURPOSE OF THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS.

THE 2020 EDITION OF THE CITY OF WAUKEE STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AND THE 2022 EDITION OF SUDAS STANDARD SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

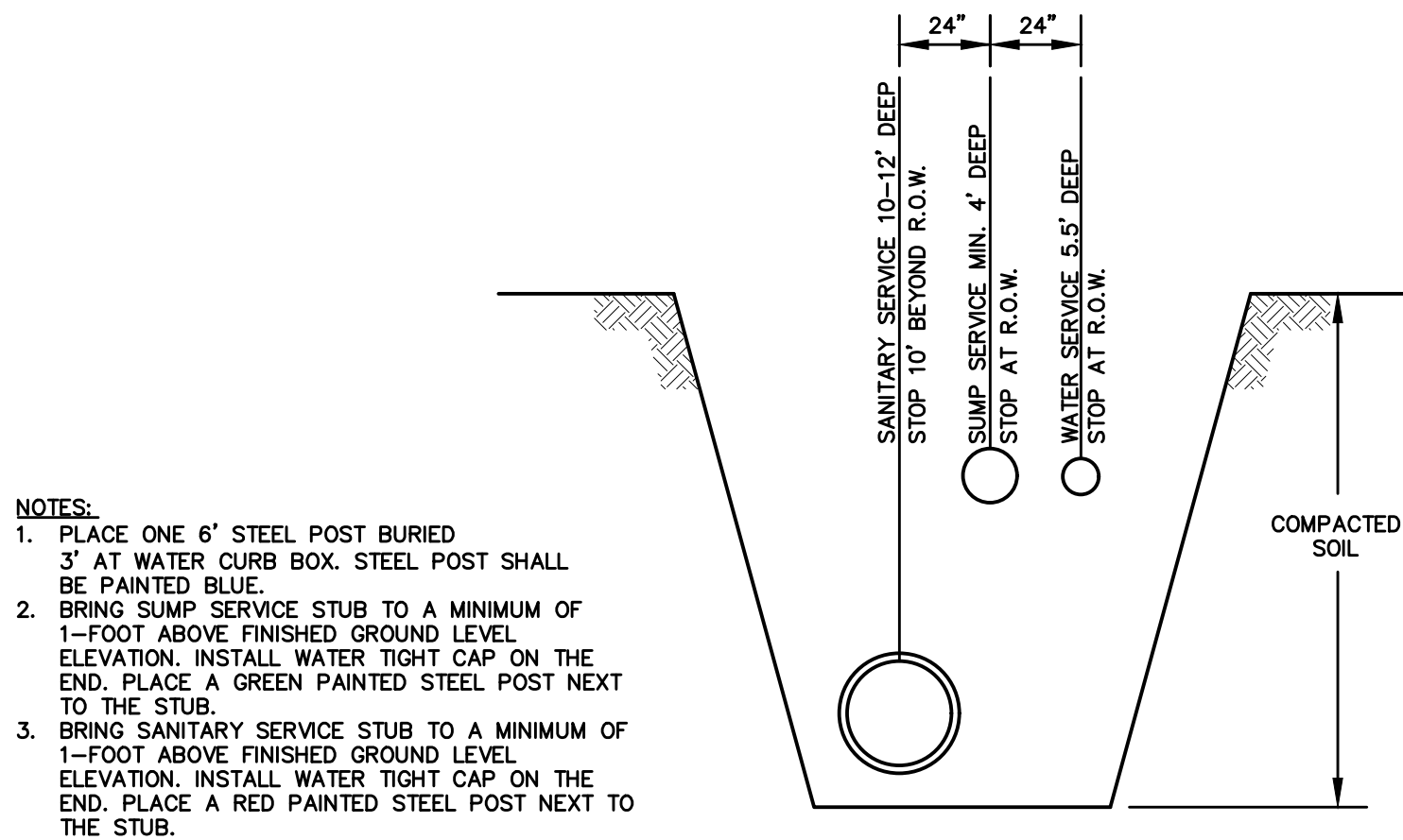
IOWA
ONE CALL
1-800-292-8989
www.iowaonecall.com



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Erin K. Ollendike
ERIN K. OLLENDIKE, P.E.
11/01/2024
DATE

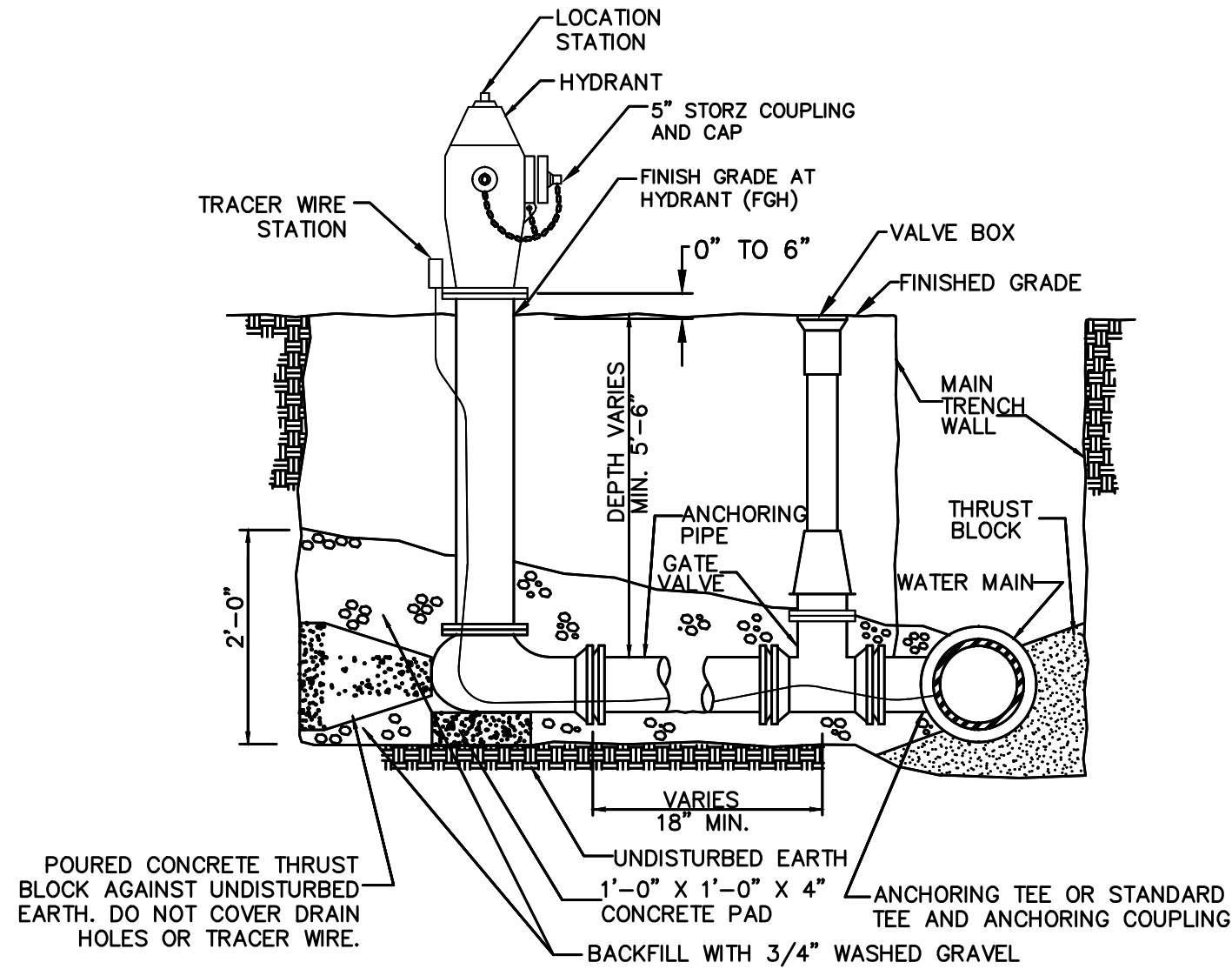
LICENSE NUMBER 16926
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2025
PAGES OR SHEETS COVERED BY THIS SEAL:
ALL SHEETS



- NOTES:
1. PLACE ONE 6" STEEL POST BURIED 3' AT WATER CURB BOX. STEEL POST SHALL BE PAINTED BLUE.
 2. BRING SUMP SERVICE STUB TO A MINIMUM OF 1-FOOT ABOVE FINISHED GROUND LEVEL. ELEVATION. INSTALL WATER TIGHT CAP ON THE END. PLACE A GREEN PAINTED STEEL POST NEXT TO THE STUB.
 3. BRING SANITARY SERVICE STUB TO A MINIMUM OF 1-FOOT ABOVE FINISHED GROUND LEVEL. ELEVATION. INSTALL WATER TIGHT CAP ON THE END. PLACE A RED PAINTED STEEL POST NEXT TO THE STUB.

SERVICE LOCATION DETAIL

NOT TO SCALE

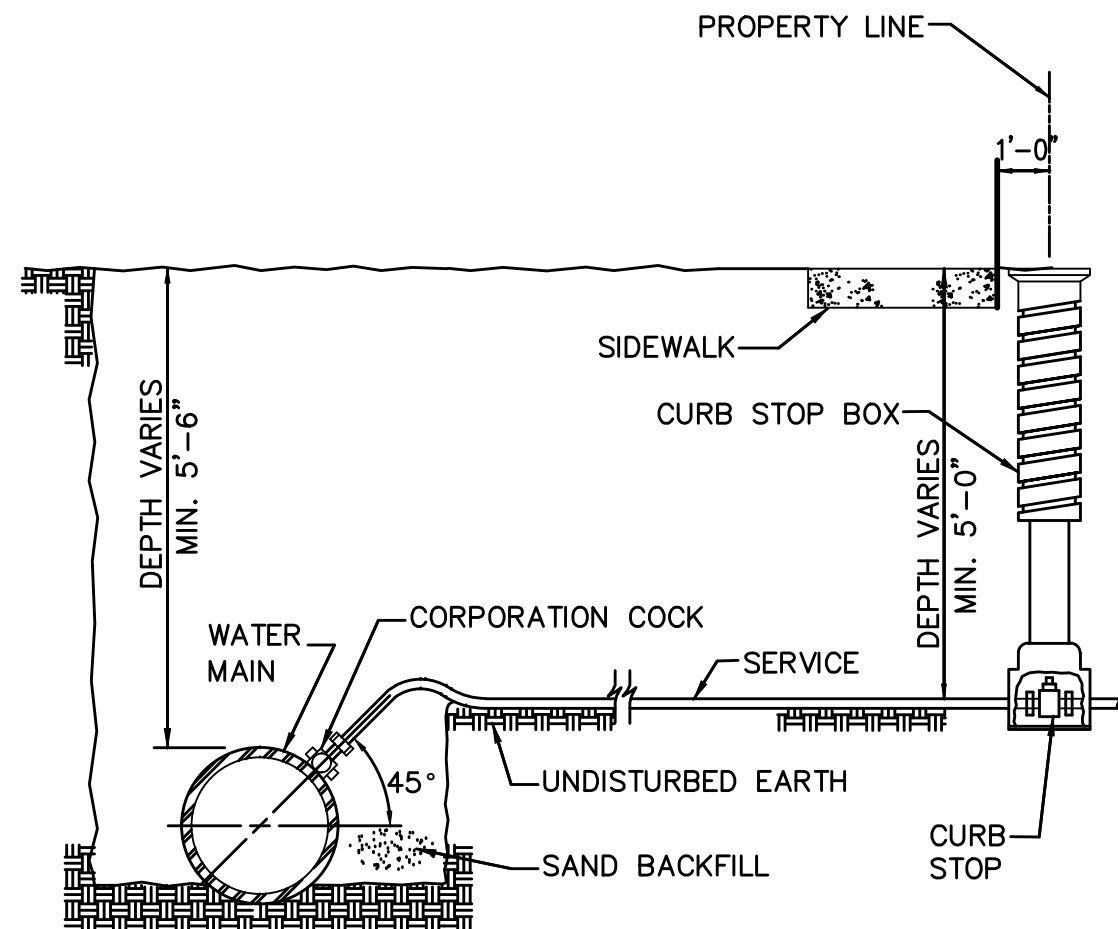


POURED CONCRETE THRUST BLOCK AGAINST UNDISTURBED EARTH. DO NOT COVER DRAIN HOLES OR TRACER WIRE.

- NOTES:
1. MINIMUM SIZE FOR PIPING, VALVES AND FITTINGS FROM WATER MAIN TO HYDRANT INLET: 6"
 2. PROVIDE TRACER WIRE AND TRACER WIRE STATION.
 3. WRAP HYDRANT, PIPE AND FITTINGS WITH POLYETHYLENE ENCASEMENT.

HYDRANT ASSEMBLY DETAIL

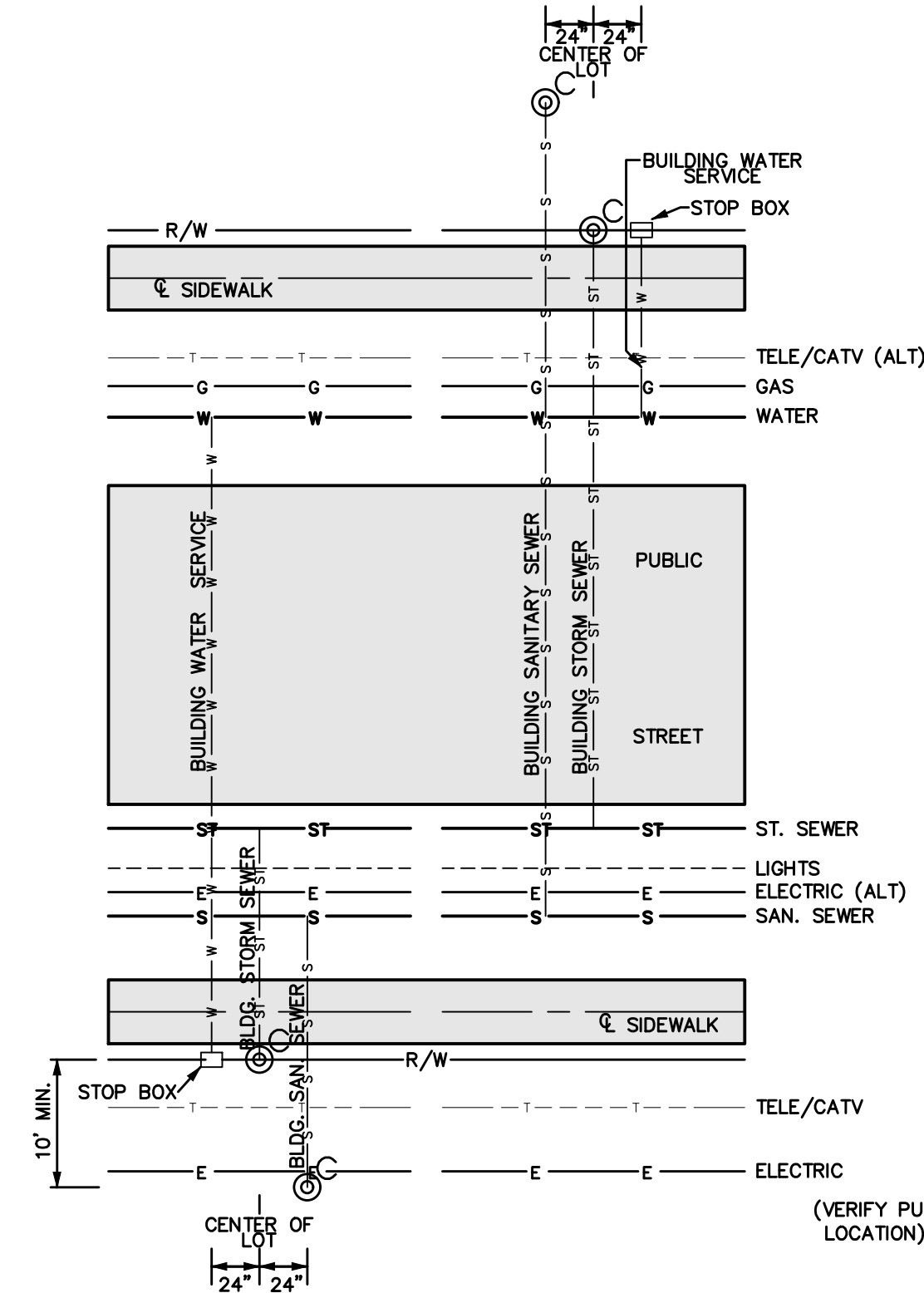
NOT TO SCALE



- NOTES:
1. TERMINATE CURB STOP BOX ROD 1'-6" BELOW FINISHED GRADE.

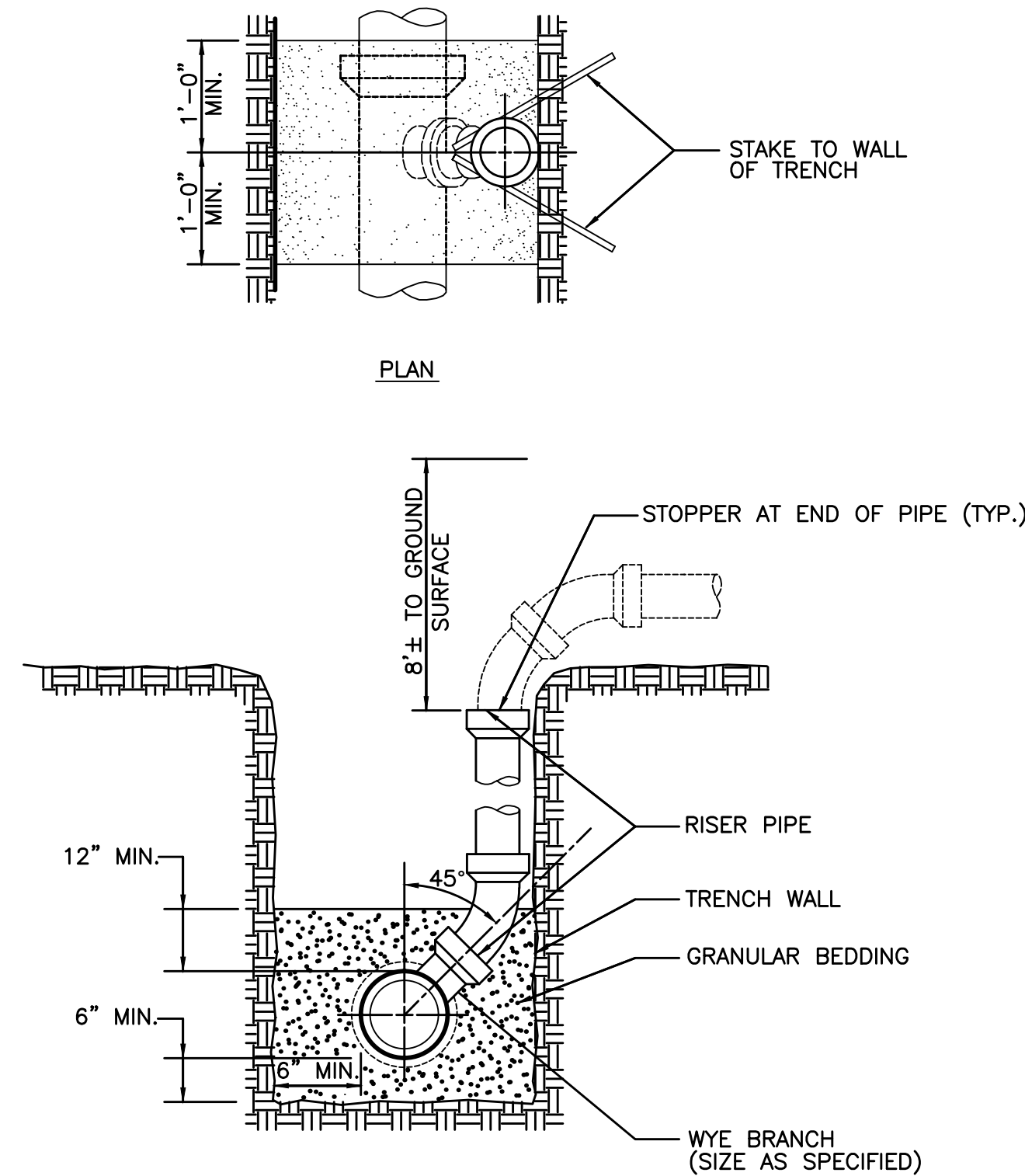
WATER SERVICE CONNECTION

NOT TO SCALE



CITY OF WAUKEE UTILITY SERVICE LOCATIONS

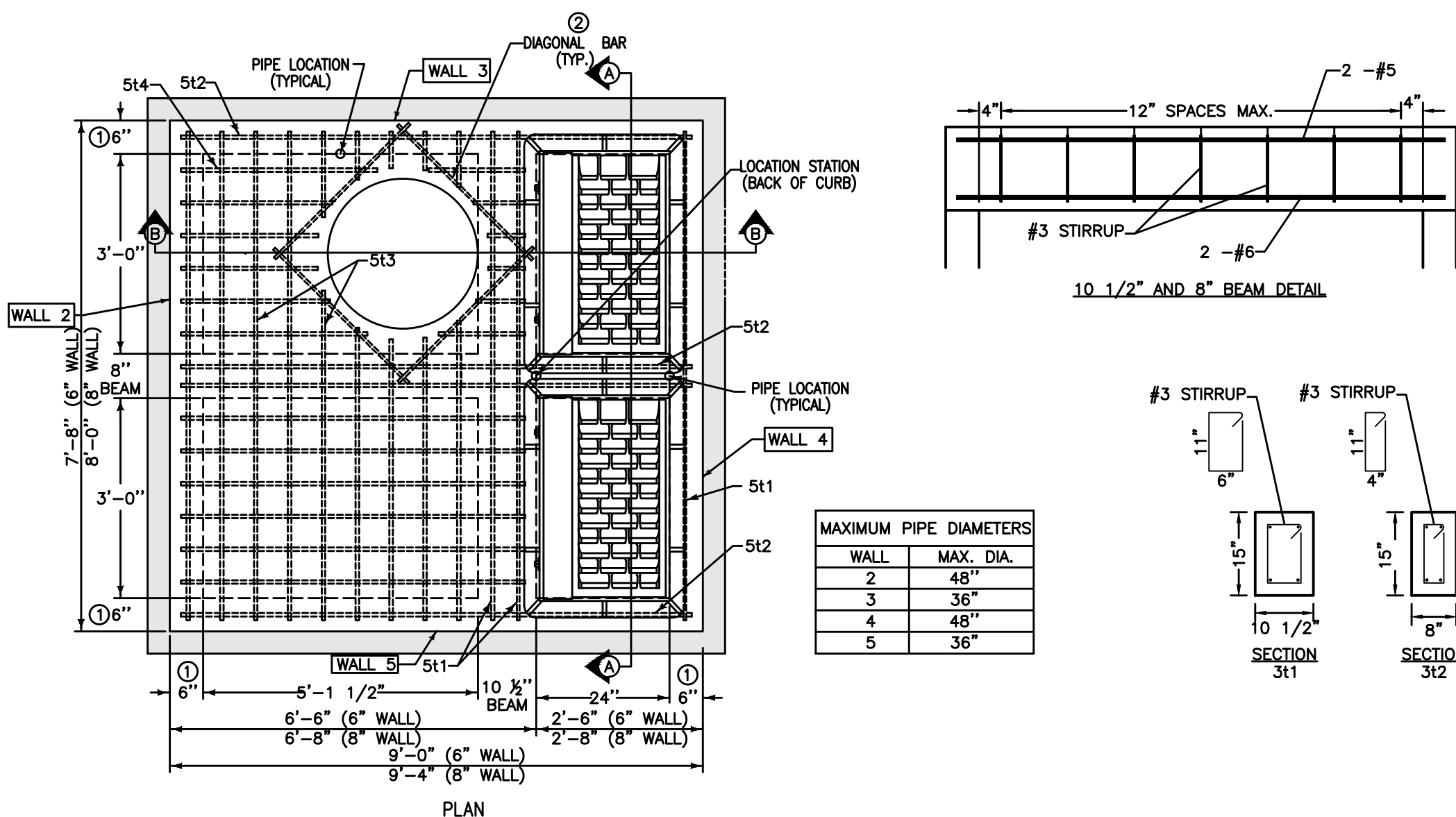
NOT TO SCALE



- NOTES:
1. INSTALL RISER TO BEAR FIRMLY AGAINST UNDISTURBED WALL OF TRENCH. STAKE RISER PIPE IN PLACE PRIOR TO BACK-FILLING TO PREVENT MOVEMENT OF PIPE.
 2. NOTCH WALL OF TRENCH TO RECEIVE PIPE WHERE POSSIBLE.

SANITARY SEWER SERVICE RISER

NOT TO SCALE



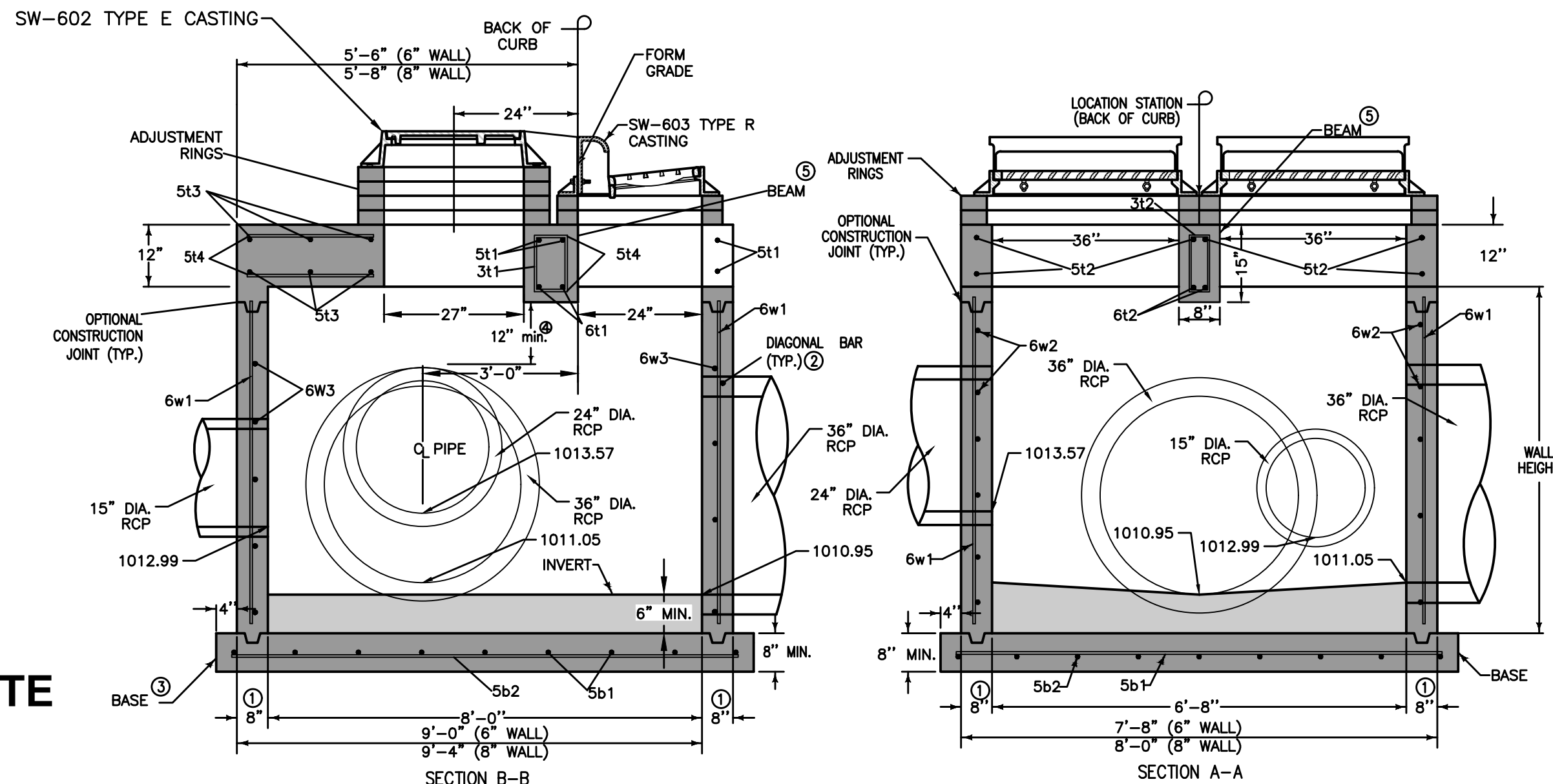
WALL	MAX. DIA.
2	48"
3	36"
4	48"
5	36"

REINFORCING BAR LIST									
MARK	SIZE	LOCATION	SHAPE	COUNT	LENGTH	SPACING			
311	3	TOP	8" WALL	7	3'-2"*	12"	8" WALL	8"	12"
312	3	TOP	8" WALL	8	2'-10"*	10 1/2"	8" WALL	8"	12 1/2"
5b1	5	BASE	8" WALL	9	7'-10"	12 1/2"	8" WALL	8"	12 1/2"
5b2	5	BASE	8" WALL	9	8'-2"	11 3/4"	8" WALL	8"	12 1/2"
6w1	6	WALLS	8" WALL	30	WALL HEIGHT MINUS 4"	12"	8" WALL	8"	12"
6w2	6	WALLS	8" WALL	VARIES	7'-8"	12"	8" WALL	8"	12"
6w3	6	WALLS	8" WALL	VARIES	7'-4"	12"	8" WALL	8"	12"
511	5	TOP	8" WALL	4	7'-4"	SEE DETAIL	8" WALL	8"	SEE DETAIL
512	5	TOP	8" WALL	6	7'-8"	SEE DETAIL	8" WALL	8"	SEE DETAIL
513	5	TOP	8" WALL	18	7'-4"	6 1/2"	8" WALL	8"	6 1/2"
514	5	TOP	8" WALL	24	5'-2"	5'-4"	8" WALL	8"	5 1/2"
611	6	TOP	8" WALL	2	7'-4"	7'-8"	8" WALL	8"	SEE DETAIL
612	6	TOP	8" WALL	2	7'-8"	8'-0"	8" WALL	8"	SEE DETAIL

1. USE 8" WALL OPTION FOR INTAKE DEPTHS GREATER THAN 7'-0" AND LESS THAN 10'-0".
2. INSTALL FOUR #4 DIAGONAL BARS AT MANHOLE OPENING AND AT ALL PIPE OPENINGS.
3. CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.
4. 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.
5. CONSTRUCT 8"x15" AND 10 1/2"x15" P.C. CONCRETE BEAMS INTEGRAL WITH 12" P.C. CONCRETE FLAT TOP.

SW-506 MODIFIED DOUBLE GRATE INTAKE WITH MANHOLE (ST-3)

NOT TO SCALE

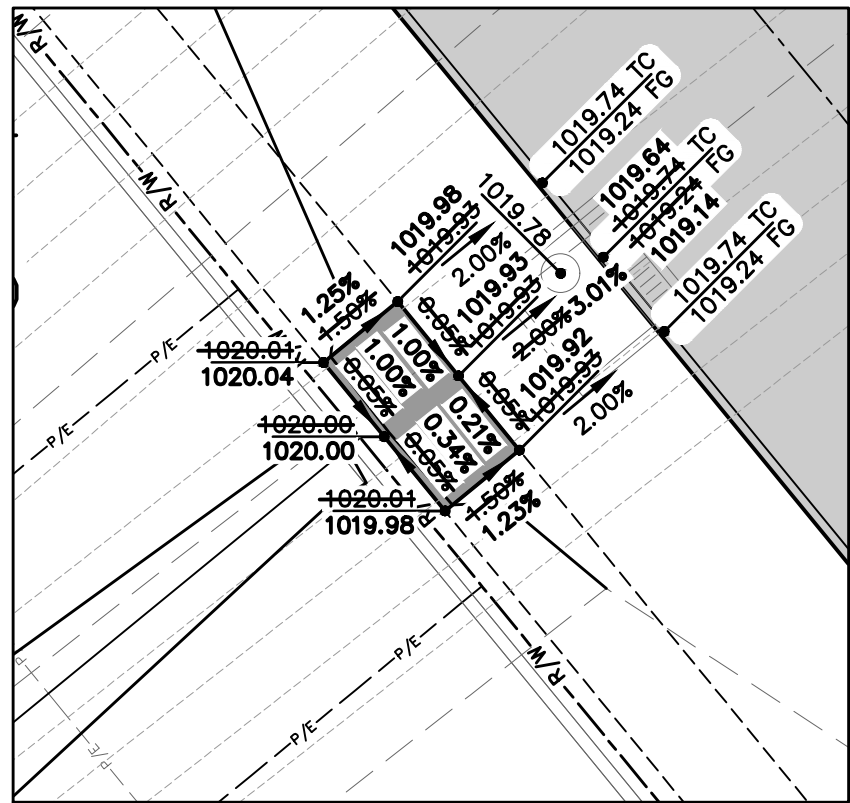




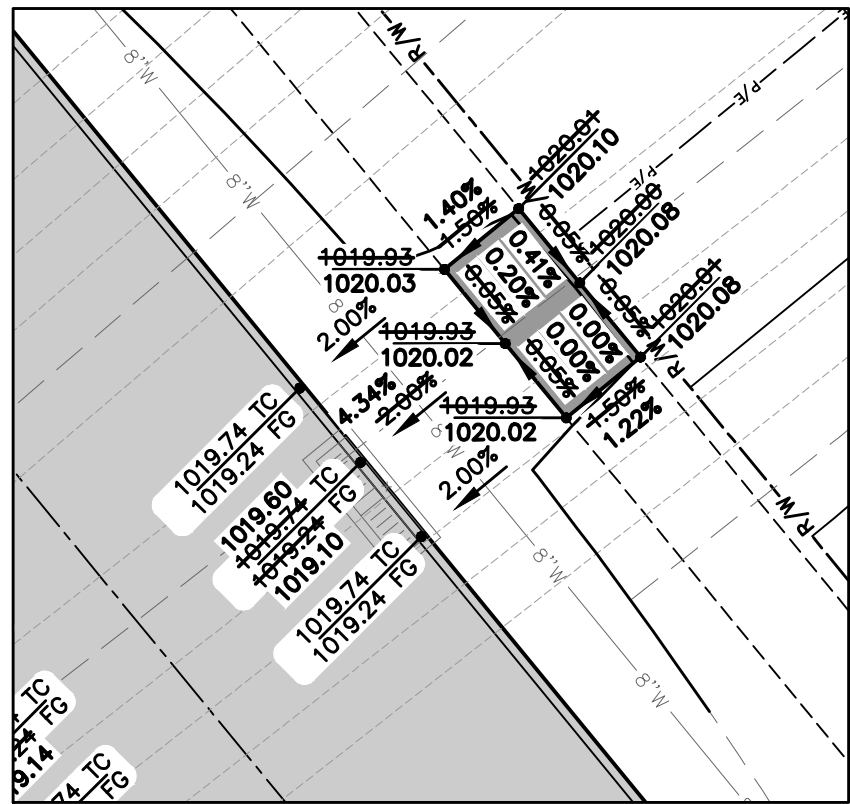
GRADING NOTES

1. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE THE WAUKEE ENGINEERING DEPARTMENT WITH A CERTIFIED AS-BUILT GRADING PLAN PRIOR TO ACCEPTANCE OF IMPROVEMENTS.
2. REMOVE ANY FARM FENCING ON THE PROPERTY AS PART OF THE IMPROVEMENTS.
3. THIS PLAT HAS BEEN MASS GRADED WITH STRATFORD CROSSING PLAT 10. THE EXISTING TOPOGRAPHIC SURVEY IS SHOWN AS THE DESIGN GRADES FROM STRATFORD CROSSING PLATS 10 AND 11. ACTUAL CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

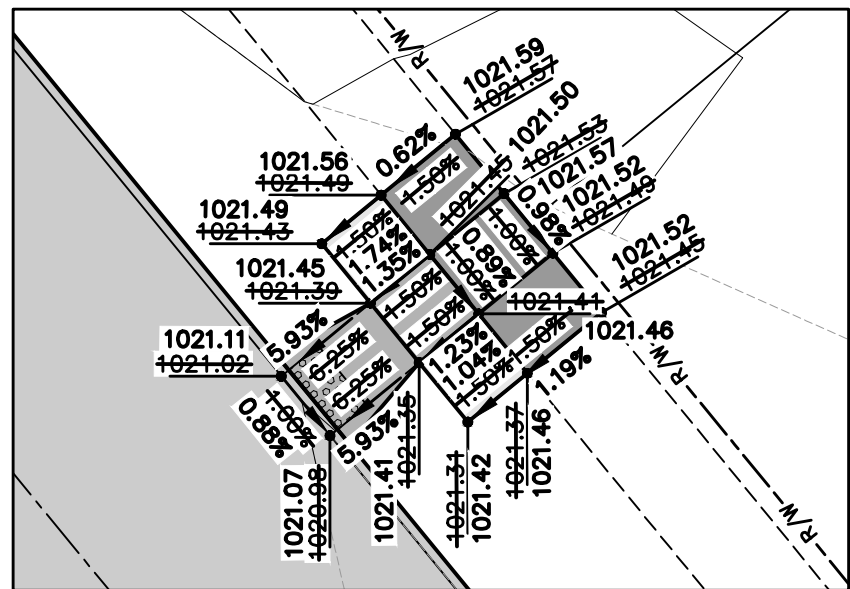
AREA OF DISTURBANCE = 7.61 AC



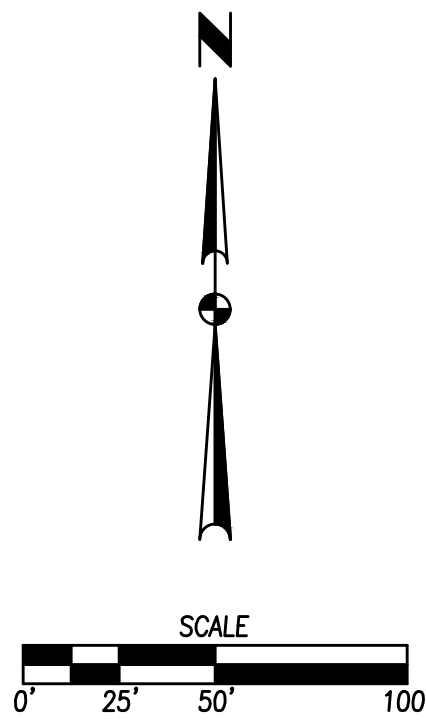
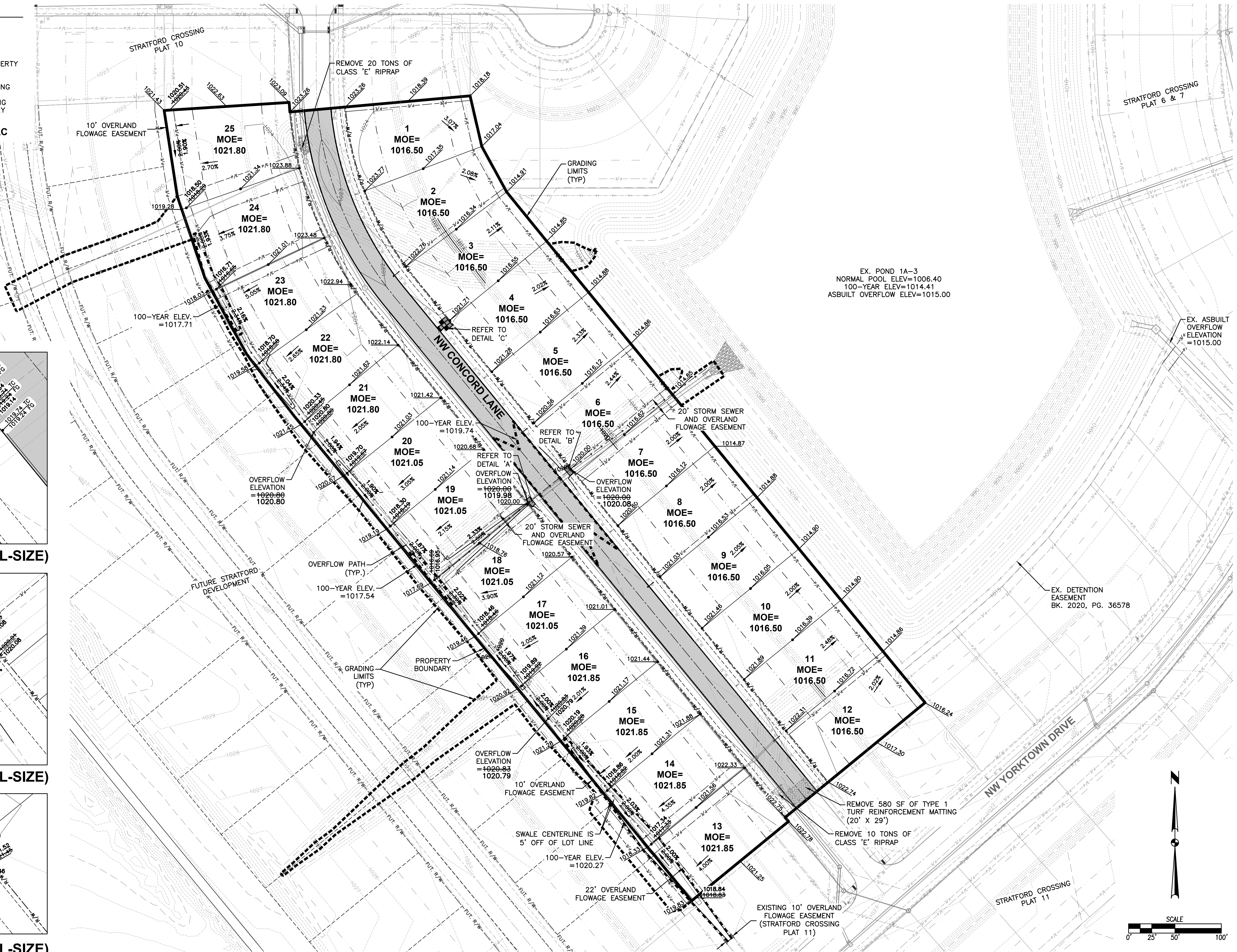
DETAIL 'A' (1"=10' FULL-SIZE)



DETAIL 'B' (1"=10' FULL-SIZE)



DETAIL 'C' (1"=10' FULL-SIZE)



FILE: H:\2022\2202129\2202129-GRADING-ASBUILT.DWG
DATE PLOTTED: 11/7/2024 12:56 PM
PLOTTER: HP PLOTTER
DRAWN BY: JWM
CHECKED BY: EKO

DATE	
11/01/2024	AS-BUILT SUBMITTAL
05/19/2023	FINAL SUBMITTAL
05/11/2022	THIRD SUBMITTAL
04/25/2022	SECOND SUBMITTAL
03/29/2022	FIRST SUBMITTAL

REVISIONS	
4121 NW URBANDALE DRIVE URBANDALE, IOWA 50322 PHONE: (515) 369-4400 FAX: (515) 369-4410	ENGINEER: JWM TECH: MST

CIVIL DESIGN ADVANTAGE

WAUKEE, IOWA

STRATFORD CROSSING PLAT 12

GRADING PLAN

6

14

2202.129

EROSION AND SEDIMENT CONTROL PLAN

NOT TO SCALE



STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	989
2	DITCH CHECKS	LF	466
3	SEEDING, FERTILIZING, AND MULCHING	AC	6.78
4	INLET PROTECTION DEVICES	EA	4
5	CONCRETE WASHOUT PIT	EA	

DISCHARGE POINT SUMMARY

DISCHARGE POINT #1 TO LITTLE WALNUT CREEK +5500 FT	
TOTAL AREA DISTURBED TO DISCHARGE POINT	7.61 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	27,396 CU FT
VOLUME PROVIDED IN SILT FENCE (989 LF @ 10.0 CU FT/LF OF FENCE)	9,890 CU FT
VOLUME PROVIDED IN DITCH CHECK (466 LF @ 15.0 CU FT/LF)	6,990 CU FT
VOLUME PROVIDED IN EXISTING TSB #1	761,652 CU FT
TOTAL VOLUME PROVIDED	778,532 CU FT

NOTES:

1. IF DETERAWERING IS NEEDED FOR ANY REASON, DISCHARGE OF WATER OFFSITE IS TO CONFORM WITH THE GENERAL PERMIT #2 REQUIREMENT.
2. DISTURBED AREAS SHALL BE TEMPORARILY SEEDED OR MULCHED IMMEDIATELY FOLLOWING GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
3. STORM SEWERS AND DRAINAGE WAYS SHALL BE PROTECTED FROM CONCRETE SLURRY PRODUCED BY SAWCUTTING AND CONCRETE GRINDING.

SWPPP LEGEND

DRAINAGE ARROW

X.XX %

UNDISTURBED AREA

GRADING LIMITS

RIP-RAP

SILT FENCE

GRAVEL ENTRANCE

DITCH CHECK

STAGING AREA

INLET PROTECTION

CONCRETE WASHOUT PIT

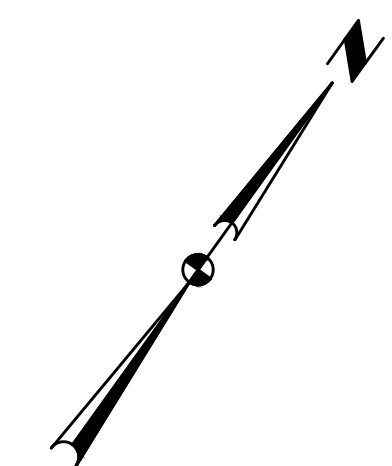
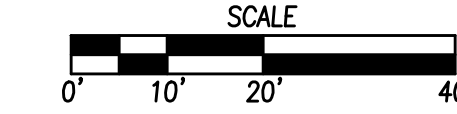
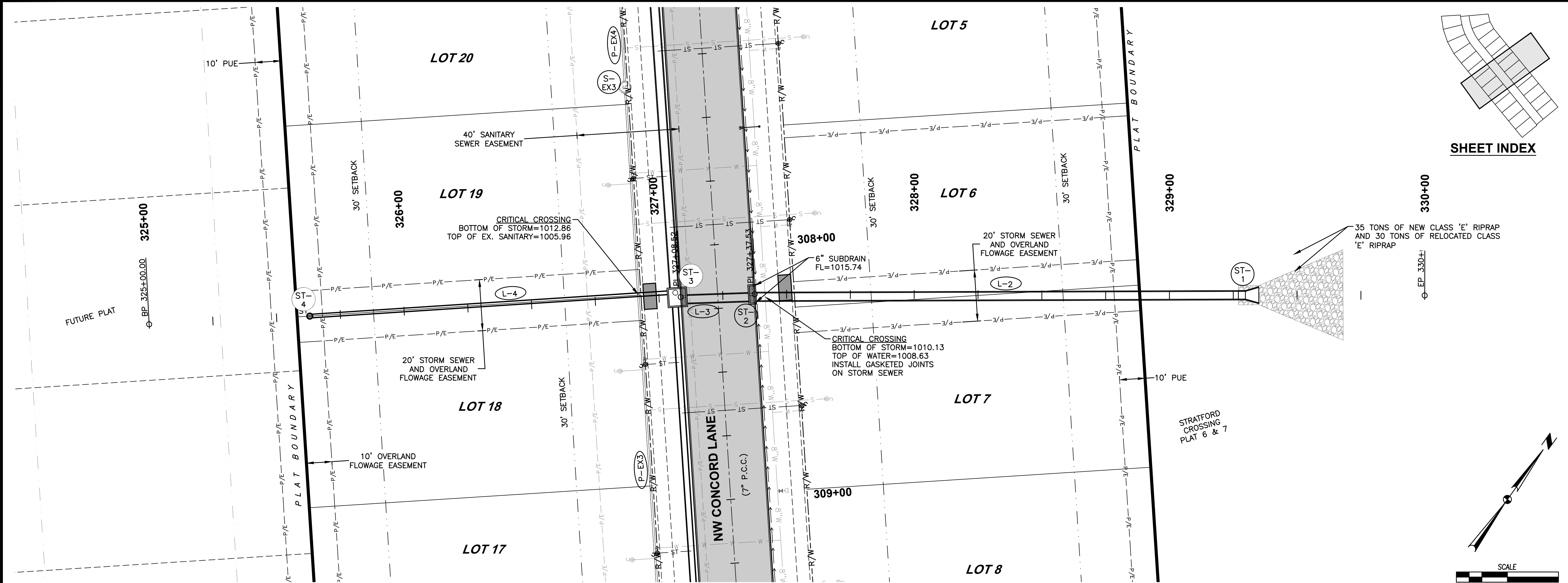
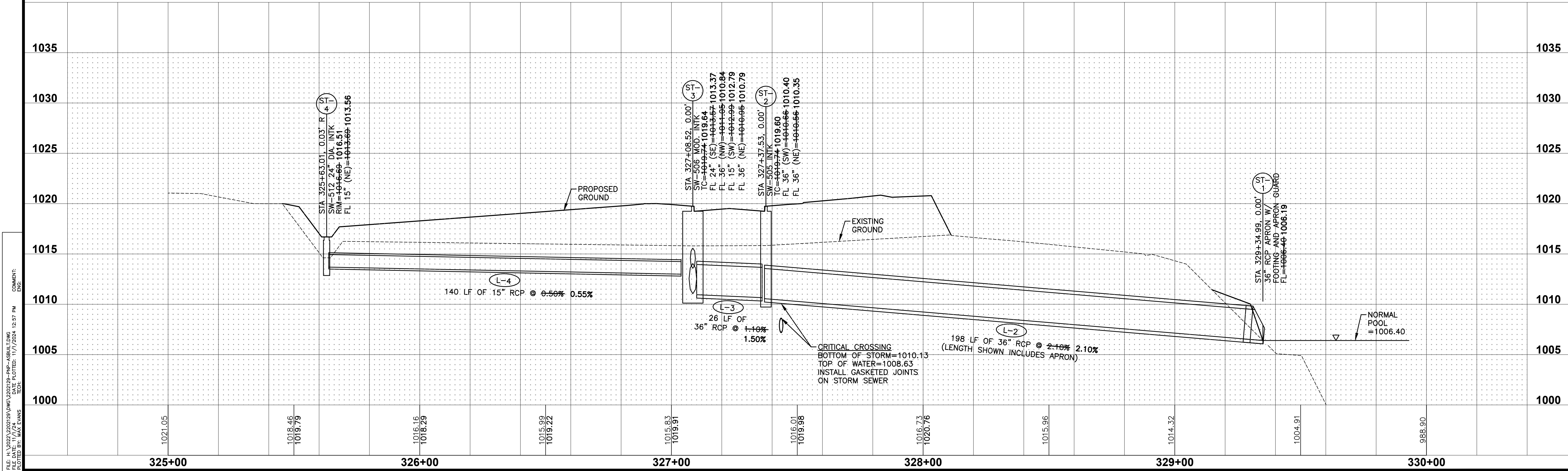
PORTABLE RESTROOM

R

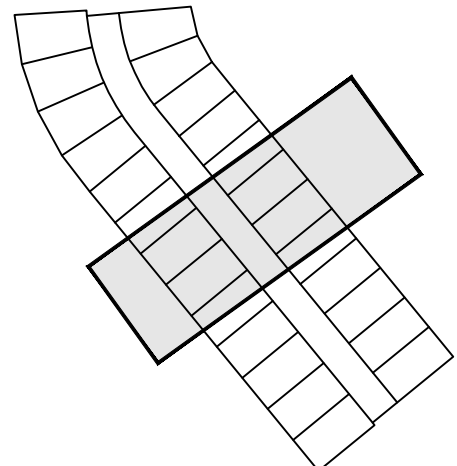
TEMPORARY SEDIMENT BASIN

TSB #

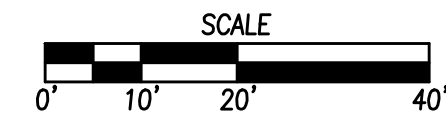
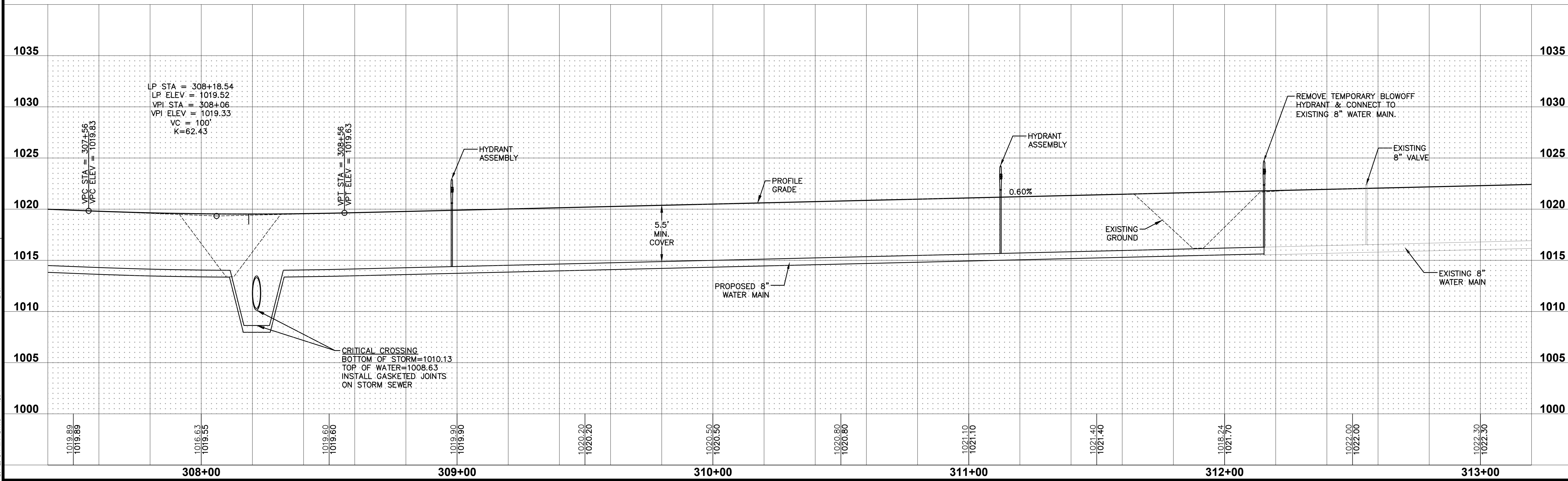
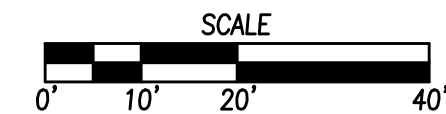
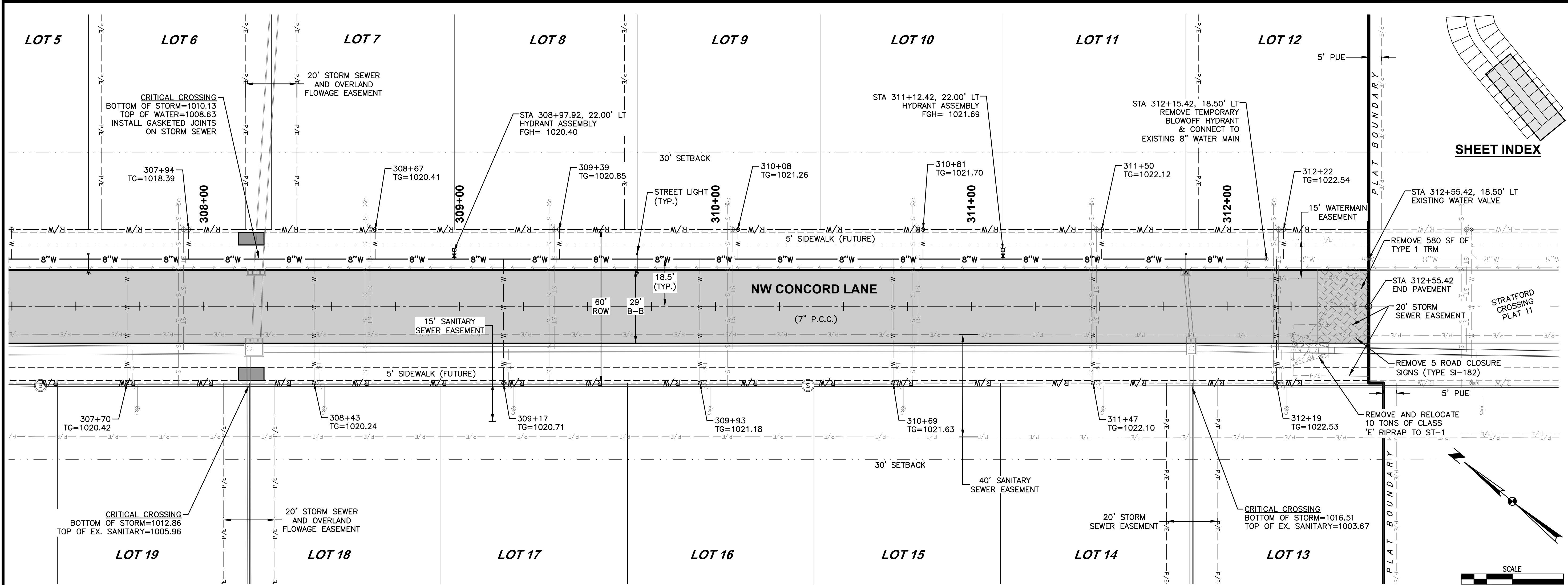




SHEET INDEX



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DATE: 11/7/2024
11/01/2024
05/19/2022
05/11/2022
04/25/2022
03/29/2022



DATE

11/01/2024

AS-BUILT SUBMITTAL

05/19/2022

FINAL SUBMITTAL

05/11/2022

THIRD SUBMITTAL

04/25/2022

SECOND SUBMITTAL

03/29/2022

FIRST SUBMITTAL

03/29/2022

REVISIONS

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ENGINEER: EKO ENGINEER: JWM TECH: MST

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2202.129

STRATFORD CROSSING PLAT 12

WATERMAIN PLAN AND PROFILE

WAUKEE, IOWA

CIVIL DESIGN ADVANTAGE