

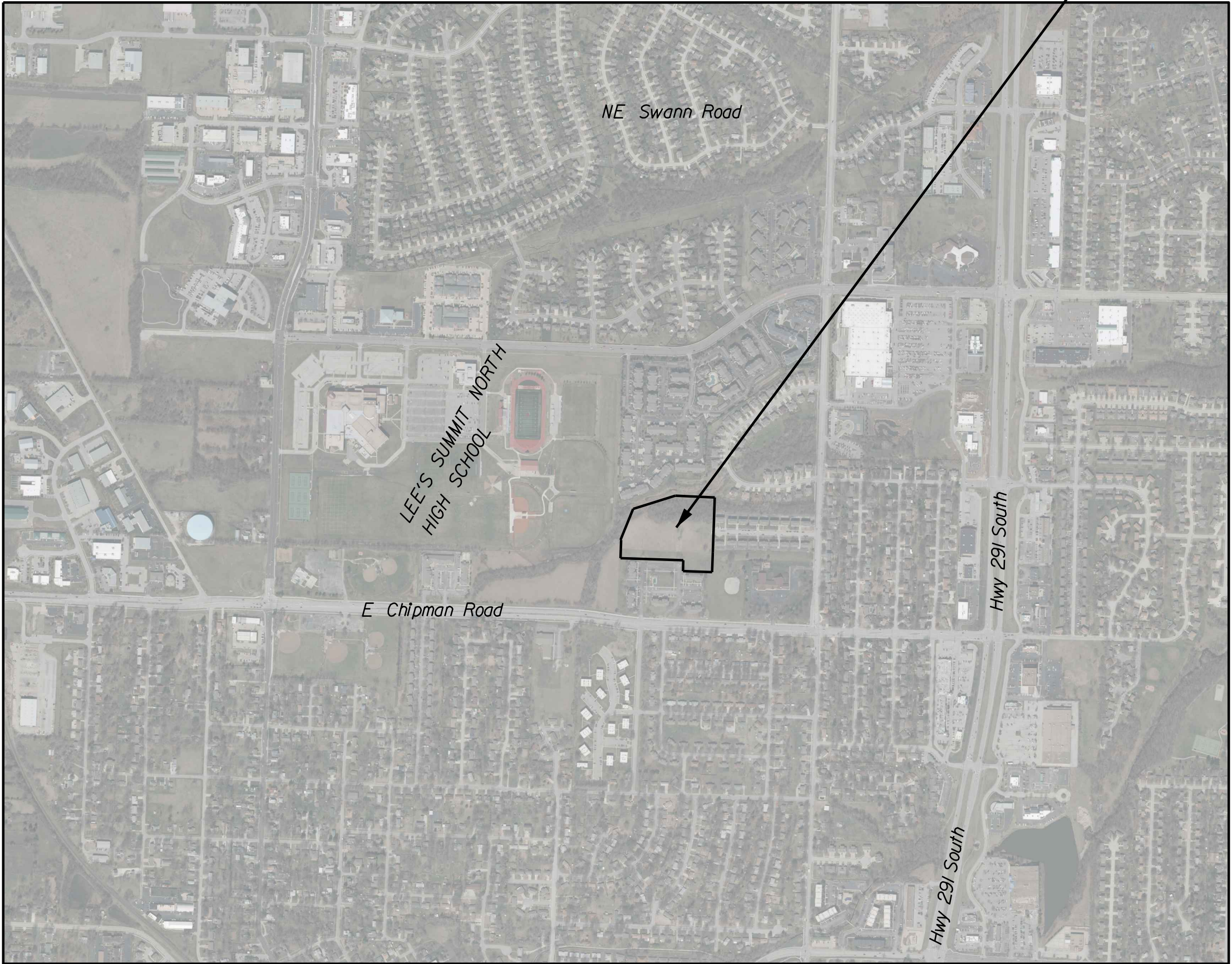
Final Development Plans / Site Civil Plans
Summit Point
504 NE Chipman Road
City of Lee's Summit, Missouri
Section 32, Township 48N, Range 31W

LEGAL DESCRIPTION:

LEGAL DESCRIPTION:

A tract of land in the Southwest Quarter of Section 32, Township 48N, Range 31W in Lee's Summit, Jackson County, Missouri, described as follows:

Commencing at the Southwest corner of the Southwest Quarter of Section 32; thence North 88 degrees, 00 minutes, 27 seconds West, along the South line of the Southwest Quarter, 1525.36 feet; thence North 01 degree, 59 minutes, 33 seconds East, leaving the South line, 97.98 feet to a point on the existing North right-of-way of Chipman Road and the Southwest corner of "Summit Point First Plat" recorded in Book 41 at Page 60; thence North 01 degree, 54 minutes, 38 seconds East, along the West line of the plat, 417.58 feet (measured), (420.12 feet, plat), to the Northwest corner of the plat and the Point of Beginning; thence North 01 degree, 54 minutes, 38 seconds East, 135.86 feet; thence North 72 degrees, 33 minutes, 20 seconds West, 5.19 feet; thence North 22 degrees, 20 minutes, 37 seconds East, 230.76 feet to a point on the South line of "AMLI Summit Ridge Lot 1", recorded in Book 166 at Page 48; thence North 72 degrees, 31 minutes, 35 seconds East, along the South line of the plat, 330.00 feet; thence South 87 degrees, 28 minutes, 25 seconds East, continuing along the South line, 251.73 feet to the Southeast corner of the plat, also being a point on the West line of "Maple Tree Manor First Plat" recorded in Book 160 at Page 59; thence South 87 degrees, 28 minutes, 25 seconds East, along the West line of the plat, 44.56 feet to a point on the West line of "Maple Tree Manor, Lot 8A and 8B", recorded in Book 1116 at Page 85; thence South 02 degrees, 04 minutes, 01 second West, along the West line of the plat, 32.10 feet to the Southwest corner of the plat and the Northwest corner of "Reglat of English Manor Units 41-72 Inclusive", recorded in Book 149 at Page 13; thence South 02 degrees, 04 minutes, 01 second West, along the West line of the plat, 439.00 feet to the Southwest corner of the Southwest corner of the plat and the Northwest corner of "St. Matthews Acres", recorded in Book 39 at Page 160, thence South 02 degrees, 04 minutes, 01 second West, along the West line of the plat, 88.48 feet to the Northeast corner of "Summit Point First Plat"; thence along the North line of the plat the following three courses; North 88 degrees, 05 minutes, 22 seconds West, 218.00 feet; thence North 01 degree, 54 minutes, 38 seconds East, 81.01 feet; thence North 88 degrees, 05 mintues, 22 seconds West, 470.58 feet to the Point of Beginning, containing 314,151.52 square feet or 7.21 acres, more or less.



LOCATION MAP
LEES SUMMIT, MISSOURI

UTILITY INFORMATION

UTILITY LOCATION	MISSOURI ONE-CALL SYSTEM 1-800-DIG-RITE 1-800-344-7483
ELECTRIC	KANSAS CITY POWER AND LIGHT P.O. BOX 418679 KANSAS CITY, MISSOURI 64141 816-471-5275 816-298-1196
GAS SERVICE	MISSOURI GAS ENERGY 3025 SE CLOVER DRIVE LEE'S SUMMIT, MISSOURI 64082 1-800-582-0000
TELEPHONE	AT&T 777 NW BLUE PARKWAY, #3080 LEE'S SUMMIT, MISSOURI 64086 816-251-2800
WATER SERVICE	CITY OF LEE'S SUMMIT UTILITIES 220 SE GREEN STREET LEE'S SUMMIT, MISSOURI 64063 816-966-1900

ENGINEER:

CFS ENGINEERS
1421 E 104th STREET, SUITE 100
KANSAS CITY, MO 64131
816.333.4477
ATTN: LANCE SCOTT

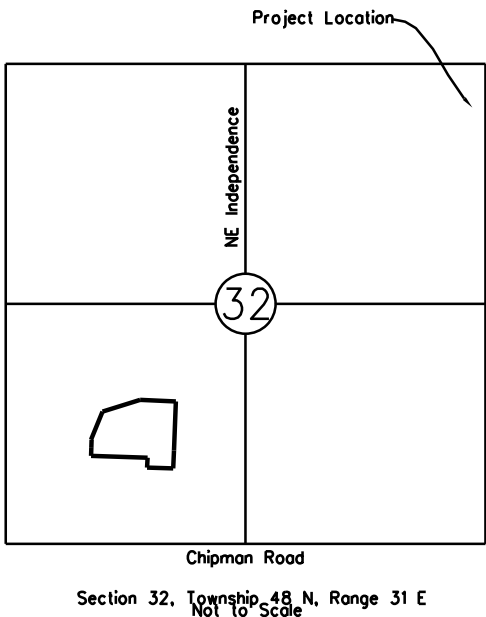
ARCHITECT:

BCS Design
19920 West 161st Street
Olathe, Kansas 66062
913.780.4820
Attn: Jeff Shinkle

OWNER / DEVELOPER:

Summit Point II, LLC
Gary R. Rauscher
President
331 Soquel Avenue, Suite 100
Santa Cruz, CA 95062

Phone (831) 480-6339



VICINITY MAP

INDEX OF SHEETS

C100	-	TITLE SHEET
C101	-	FINAL DEVELOPMENT PLAN
C200	-	OVERALL SITE PLAN
C201	-	SITE PLAN (WEST)
C202	-	SITE PLAN (EAST)
C300	-	OVERALL GRADING PLAN
C301	-	GRADING PLAN (WEST)
C302	-	GRADING PLAN (EAST)
C400	-	UTILITY PLAN
C401	-	STORM SEWER PLAN (WEST)
C402	-	STORM SEWER PLAN (EAST)
C403	-	STORM SEWER PROFILES
C404	-	STORM SEWER PROFILES
C405	-	SANITARY SEWER PLAN & PROFILE - LINE 1
C406	-	SANITARY SEWER PLAN & PROFILE - LINE 2
C407	-	WATER LINE PLAN & PROFILE - LINE 1
C500	-	EROSION CONTROL PLAN - PHASE 1
C501	-	EROSION CONTROL PLAN - PHASE II
C502	-	EROSION CONTROL PLAN - PHASE III

C600	-	DETAILS
C601	-	DETENTION BASIN PLAN
C601A	-	DETENTION BASIN DETAILS
C602	-	EROSION CONTROL DETAILS
C603	-	EROSION CONTROL DETAILS (2)
C604	-	LEES SUMMIT DETAILS
C605	-	LEES SUMMIT DETAILS
C606	-	LEES SUMMIT DETAILS
C607	-	DRAINAGE DETAILS

C700	-	CLUBHOUSE SITE PLAN
C701	-	CLUBHOUSE GRADING PLAN
C702	-	CLUBHOUSE UTILITY PLAN
C1000	-	PUBLIC STREET DEMO PLAN
C1001	-	PUBLIC STREET PLAN
C1002	-	PUBLIC STREET GRADING AND EROSION CONTROL PLAN
C1003	-	PUBLIC STREET DETAILS

GENERAL NOTES:

1. THE BOUNDARY INFORMATION, EXISTING UTILITY LINES, AND TOPOGRAPHIC FEATURES SHOWN ARE ACCORDING TO THIS INFORMATION MADE AVAILABLE TO THE ENGINEER. HOWEVER, ALL UTILITIES EXISTING MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY EXISTING TOPOGRAPHIC FEATURES AND EXISTING UTILITY LOCATIONS, AND REPORT ANY DISCREPANCIES TO THE OWNER AND ENGINEER PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. PORTION OF TOPOGRAPHIC SURVEY PROVIDED BY OWNER.
2. LANDSCAPING SHALL BE INSTALLED PRIOR TO OCCUPANCY.
3. THE CONTRACTOR SHALL SUBMIT AN EXPANSION/CONTRACTION JOINT PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
4. ALL EXCAVATION SHALL BE UNCLASSIFIED.
5. THE CONTRACTOR SHALL CONTACT THE CITY OF LEE'S SUMMIT PUBLIC WORKS INSPECTIONS AT (816) 969-1829 WITHIN 48 HOURS OF COMMENCEMENT OF CONSTRUCTION.
6. THE CONTRACTOR SHALL CONTACT RIGHT-OF-WAY INSPECTIONS AT (816) 969-1838 PRIOR TO ANY LAND DISTURBANCE ACTIVITIES WITHIN THE RIGHTS-OF-WAY. THESE ACTIVITIES MAY REQUIRE A PERMIT.

TITLE SHEET

C100

FINAL DEVELOPMENT PLAN
SUMMIT POINT 2nd PLAT
LEE'S SUMMIT, MISSOURI

LEGAL DESCRIPTION:

A tract of land in the Southwest Quarter of Section 32, Township 48N, Range 31W in Lee's Summit, Jackson County, Missouri, described as follows:
Commencing at the Southeast corner of the Southwest Quarter of Section 32: thence North 88 degrees, 00 minutes, 27 seconds West, along the South line of the Southwest Quarter, 1525.36 feet; thence North 01 degree, 59 minutes, 33 seconds East, leaving the South line, 97.98 feet to a point on the existing North Right-Of-Way of Chipman Road and the Southwest corner of "Summit Point First Plat", recorded in Book 41 at Page 60; thence North 01 degree, 54 minutes, 38 seconds East, along the West line of the plat, 417.58 feet (measured), (420.12 feet, plat), to the Northwest corner of the plat and the POINT OF BEGINNING; thence North 01 degree, 54 minutes, 38 seconds East, 135.86 feet; thence North 72 degrees, 33 minutes, 20 seconds West, 5.15 feet; thence North 22 degrees, 20 minutes, 37 seconds East, 250.76 feet to a point on the South line of "AMLI Summit Ridge Lot 1", recorded in Book 168 at Page 48; thence North 72 degrees, 31 minutes, 38 seconds East, along the South line of the plat, 330.00 feet; thence South 87 degrees, 28 minutes, 25 seconds East, continuing along the South line, 251.73 feet to the Southeast corner of the plat, also being a point on the West line of "Maple Tree Manor-Lot Plat", recorded in Book 160 at Page 59; thence South 67 degrees, 28 minutes, 25 seconds East, along the West line of the plat, 44.56 feet to a point on the West line of "Maple Tree Manor, Lot 8A and 8B", recorded in Book 1116 at Page 85; thence South 02 degrees, 04 minutes, 01 second West, along the West line of the plat, 32.10 feet to the Southwest corner of the plat and the Northwest corner of "Regal of English Manor Units 41-72 Inclusive", recorded in Book 39 at Page 160; thence South 02 degrees, 04 minutes, 01 second West, along the West line of the plat, 65.45 feet to the Northeast corner of "Summit Point First Plat", thence along the North line of the plat the following three courses:
North 88 degrees, 05 minutes, 22 seconds West, 218.00 feet;
North 01 degree, 54 minutes, 38 seconds East, 81.01 feet;
North 88 degrees, 05 minutes, 22 seconds West, 470.58 feet
to the POINT OF BEGINNING, containing 314,151.52 square feet, or 7.21 acres, more or less.

SITE DATA TABLE:

AREA OF SITE = 7.21 ACRES
EXISTING ZONING - RP-4
PROPOSED ZONING - RP-4
DENSITY = 36 UNITS/4.97 ACRES = 7.24 UNITS PER ACRE

UNIT MIX (NEW CONSTRUCTION)

48 - 1 BEDROOM
72 - 2 BEDROOM
24 - 3 BEDROOM

PARKING REQUIREMENTS

5 - EXISTING BUILDINGS (100 UNITS)
1 & 2 BR @ 1.5 PER UNIT + 0.5 GUEST PER UNIT
(100x1.5) + (100x0.5) = 200 spaces
3 - Type A Buildings (72 UNITS)
24 - 2 BR @ 1.5 PER UNIT + 0.5 GUEST PER UNIT
3(24x1.5) + 3(24x0.5) = 144 spaces
1 - Type B Building (24 UNITS)
12 - 1 BR @ 1.5 PER UNIT + 0.5 GUEST PER UNIT
1(12x1.5) + 1(12x0.5) = 24 spaces
12 - 3 BR @ 2 PER UNIT + 0.5 GUEST PER UNIT
1(12x2.0) + 1(12x0.5) = 30 spaces
2 - Type C Building (48 UNITS)
18 - 1 BR @ 1.5 PER UNIT + 0.5 GUEST PER UNIT
2(18x1.5) + 2(18x0.5) = 72 spaces
6 - 3 BR @ 2 PER UNIT + 0.5 GUEST PER UNIT
2(6x2.0) + 2(6x0.5) = 30 spaces
500 TOTAL SPACES REQUIRED

PARKING PROVIDED

230 EXISTING
245 NEW
475 TOTAL SPACES PROVIDED

PROJECT DENSITY (PHASES 1 & 2)

5 - EXISTING BUILDINGS (100 1 & 2 BR UNITS)
3 - Type A Buildings (72 2 BR UNITS)
1 - Type B Building (12 1BR UNITS & 12 3BR UNITS)
2 - Type C Building (36 1BR UNITS & 12 3BR UNITS)
244 TOTAL UNITS EXISTING AND PROPOSED
100 UNITS ON EXISTING PROPERTY (PHASE I)
144 UNITS ON NORTH PROPERTY (PHASE II)

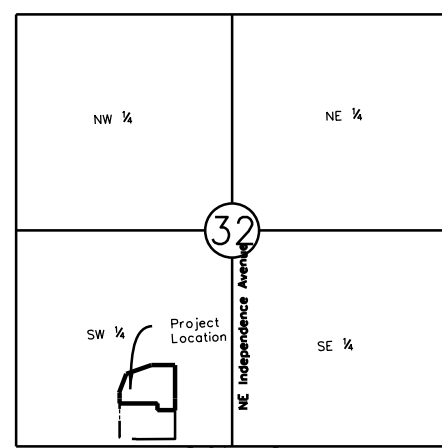
AREA OF TRACT (PHASES I & II) = 13.96 ACRES
DENSITY 244 UNITS /13.96 ACRES = 17.48 UNITS PER ACRE (PHASES I-II)

IMPERVIOUS AREA = 3.8 ACRES
GREEN SPACE (PERVIOUS AREA) = 3.41 ACRES = 47%

FLOOR AREA RATIO (FAR)

3A BUILDINGS @ 11,300 SF - 33,900 SF
1B BUILDING @ 11,000 SF - 11,000 SF
2C BUILDINGS @ 10,580 SF - 21,160 SF
TOTAL - 66,080 SF

FAR = 66,080/314,068 (7.21 ACRES) = 0.21



Vicinity Map

ID	OWNER	ZONING
①	MAPLE TREE MANOR HOMES ASSOCIATION LLC	RP-3
②	LANDON M GOMES	RP-3
③	RKM REAL ESTATE LLC	RP-3
④	ROBIN L HALL	RP-3
⑤	ERW PROPERTIES LLC (7 UNITS)	RP-3
⑥	LW PROPERTIES LLC (8 UNITS)	RP-3
⑦	ST MATTHEW LUTHERAN CHURCH	R-1
⑧	JEFFREY AND LAUREN DITTMER	RP-2
⑨	BRUCE RUSSELL SCOGGAN	RP-2
⑩	A&R INVESTMENT SOLUTIONS LLC	RP-2
⑪	RONNIE JOANNE BABICH	RP-2
⑫	SHE SHERMAN & ZHON SHELLEY	RP-2
⑬	JABAN M MOORE	RP-2
⑭	DAN A NEUSTADTER	RP-2
⑮	MCAP SAGE LP	RP-4
⑯	CARROLL L METZGER TRUSTEE	CP-2
⑰	CARROLL L METZGER TRUSTEE	RP-4
⑱	REORGANIZED SCHOOL DISTRICT NO 7	R-1
⑲	JVM SUMMIT RIDGE APARTMENTS LLC	RP-4

FLOOD PLAIN ELEVATION:

THE MAXIMUM 100-YEAR WSEL ON THE PROPERTY WAS CALCULATED TO BE ELEVATION 998.8. THE MINIMUM FLOOR ELEVATION FOR ANY OF THE PROPOSED IS SET AT 1000.8 (2' FREEBOARD.)

SEWER IMPACT STATEMENT:

THE PROPOSED DEVELOPMENT WILL PRODUCE MINIMAL SEWAGE TO THE SYSTEM, ASSUMING AN AVERAGE FLOW OF 100 GPCD AND AN AVERAGE OF 1 PERSON PER BEDROOM (414 BEDROOMS), THE SYSTEM WILL RECEIVE 41,400 GPD OR 29 GPM. THE EXISTING SEWER HAS AVAILABLE CAPACITY.

WATER MAIN CAPACITY:

PER STAFF, THE EXISTING WATER MAIN IN CHIPMAN ROAD HAS THE CAPACITY TO SERVE THE PROJECT.

NOTES:

- PROJECT SHALL BE CONSTRUCTED IN ONE PHASE AND BE PLATTED IN ONE LOT.
- CONSTRUCTION SHALL COMMENCE SPRING 2021
- CONSTRUCTION COMPLETE FALL 2022
- AS PER FEMA MAP (COMMUNITY PANEL NO. 20085C04363) DATED JANUARY 20, 2017, THE PROPERTY LIES TO THE SOUTH OF TRIBUTARY P3 OF PRAIRIE LEE LAKE WHERE LOCATED IN FEMA DESIGNATED ZONE A WHERE NO BASE FLOOD ELEVATIONS HAVE BEEN DETERMINED.

MODIFICATIONS:

- REDUCTION OF GUEST PARKING REQUIREMENTS FROM 122 TO 111
- INCREASE OF PROJECT DENSITY TO 17.48 UNITS PER ACRE

OIL & GAS WELLS

We have made a visual inspection of the premises and have determined that there is no visual evidence that any oil or gas wells exist within the boundary of the subject property.

We have also made a review of the file "Oil and Gas Permits Database" found at <https://dnr.mo.gov/geology/geos/violandgas.htm> and find no permits for oil and gas wells on the subject property.

ADDRESSES

All units shall be addressed separately. House numbers will be provided by the city.

BENCH MARK:

CHIS "□" ON CURB INLET
NORTH SIDE OF CHIPMAN ROAD
130' WEST OF SOUTHWEST CORNER
ELEV = 1022.38

DEVELOPER:

CANYON VIEW PROPERTIES
331 SOQUEL AVENUE, SUITE 100
SANTA CRUZ, CA 95062
831.480.6339
ATTN: GARY RAUSCHER

OWNER:

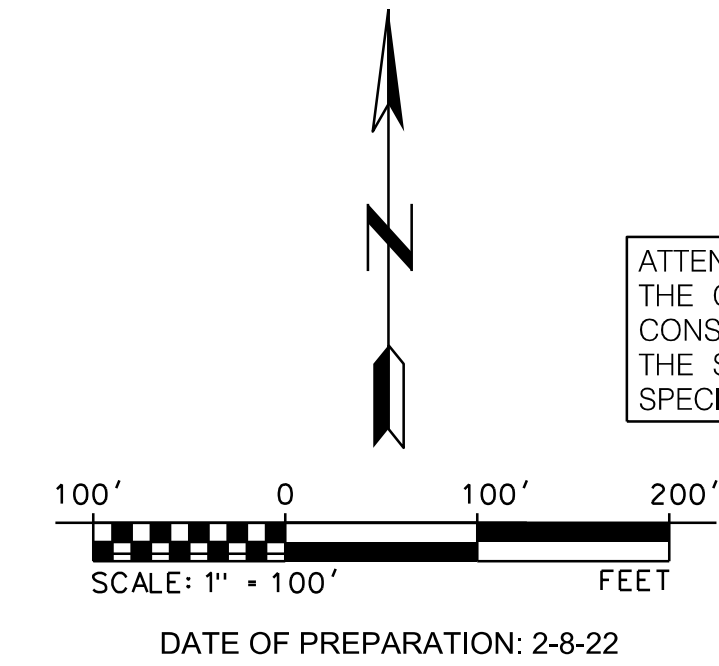
SUMMIT POINT PHASE II LLC
331 SOQUEL AVENUE, SUITE 100
SANTA CRUZ, CA 95062
831.480.6339
ATTN: GARY RAUSCHER

ENGINEER:

CFS ENGINEERS
9229 WARD PARKWAY, SUITE 110
KANSAS CITY, MO 64114
816.333.4477
ATTN: LANCE SCOTT

ARCHITECT:

BCS Design
19920 West 161st Street
Olathe, Kansas 66062
913.780.4820
Attn: Jeff Shinkle



ATTENTION!! STREAM SETBACK LINE
THE CONTRACTOR SHALL KEEP ALL
CONSTRUCTION OPERATIONS OUTSIDE
THE STREAM SETBACK LINE OTHER THAN
SPECIFIC ITEMS SHOWN INSIDE THE LINE

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

STATE OF MISSOURI
LANCE W. SCOTT
REGISTERED PROFESSIONAL ENGINEER
E-248355
07/25/22

REVISIONS
REVISED PER COMMENTS-25-22
CITY SUBMITTAL 2-2-22
Work Description Date Appr.

DESIGNED BY: RP
DWN BY: LWS
SUBMITTED BY: ---
FILE NAME: 25065-S1-SH-FDP_Existing_Conditions.dgn
PLOT DATE: 02/22/2022

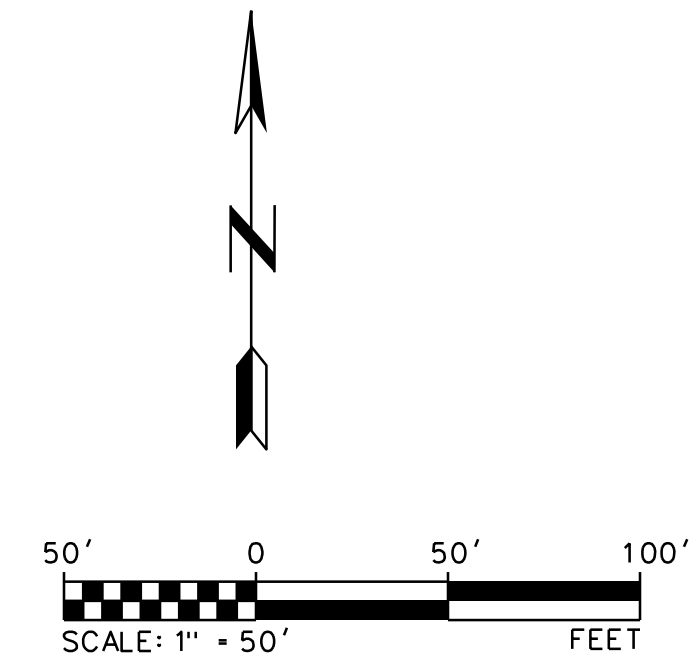
Rev. Date
05-25-2015
Reviewed by: ---
Plot scale: 1/800
2:58:47 PM

SUMMIT POINT
504 NE Chipman Road
Lee's Summit, Missouri
Final Development Plan

INDEX AND SITE DATA

Sheet reference number:
C101

G:\Shared drives\215065\CADD\215065-S1-SH-FDP_Existing_Conditions.dgn



Asphaltic concrete Parking lot
and drives. See detail Sheet C600

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

ATTENTION!! STREAM SETBACK LINE
THE CONTRACTOR SHALL KEEP ALL
CONSTRUCTION OPERATIONS OUTSIDE
THE STREAM SETBACK LINE OTHER THAN
SPECIFIC ITEMS SHOWN INSIDE THE LINE

Detention basin
100 year water surface elevation

Asphaltic concrete Parking lot
and drives. See detail Sheet C600

English Manor Drive Cul-de-sac
PUBLIC IMPROVEMENT PLANS
CONSTRUCTED BY OTHERS

Asphaltic concrete Parking lot
and drives. See detail Sheet C600

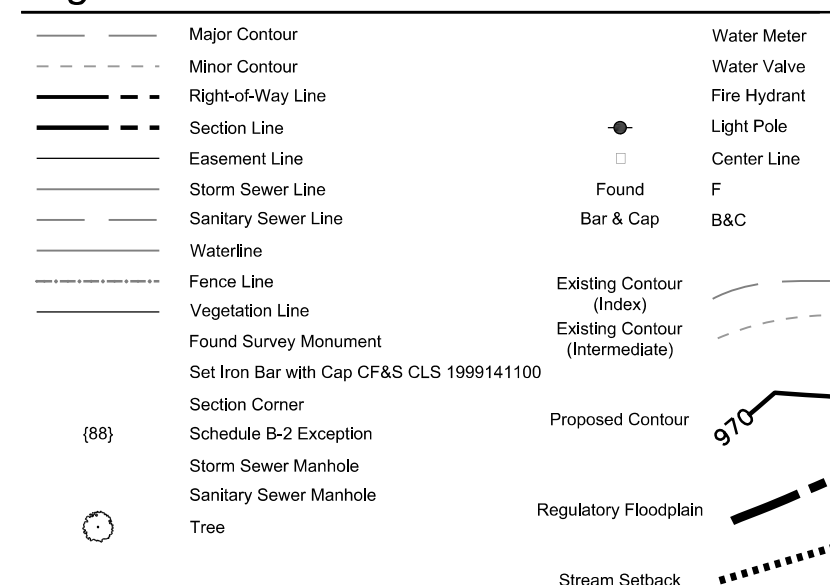
NOTES:

1. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
3. CONTRACTOR SHALL MATCH EXISTING PAVEMENT IN GRADE AND ALIGNMENT TO PROVIDE SMOOTH SURFACE TRANSITIONS BETWEEN NEW ENTRANCE DRIVES AND EXISTING STREETS.
4. CONTRACTOR SHALL MATCH EXISTING CURB & GUTTER IN GRADE, SIZE, TYPE, AND ALIGNMENT AT CONNECTIONS TO EXISTING STREETS.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION SUCH AS, BUT NOT LIMITED TO: DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURB, ETC., AND TO INCLUDE ANY WORK IN DOT R.O.W. AND/OR CITY R.O.W. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
6. ALL WORK ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH GEOTECHNICAL REPORT.
7. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND PRECISE BUILDING DIMENSIONS, SIDEWALK AND SPECIFIC BUILDING AREA TREATMENTS AND IMPROVEMENTS.
8. ALL DIMENSIONS SHOWN ON BUILDINGS ARE TO OUTSIDE FACE OF BUILDING.
9. ALL RADII SHALL BE 4.0' MEASURED AT THE BACK OF CURB UNLESS OTHERWISE NOTED.
10. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS AND GEOTECH REPORT.
11. PARKING LOT STRIPING SHALL BE ACCORDING TO KANSAS CITY METROPOLITAN CHAPTER OF APWA. ALL STRIPING IS TO HAVE TWO COATS OF PAINT (MIN.). ALL STRIPING OTHER THAN ACCESSIBLE SHALL BE WHITE. ACCESSIBLE STRIPING SHALL BE BLUE.
12. ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF LEE'S SUMMIT, MISSOURI STANDARDS AND SPECIFICATIONS.
13. ALL ACCESSIBLE PARKING SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
14. THE CONTRACTOR SHALL SUPPLY THE OWNER WITH A LIST OF ALL SUB-CONTRACTORS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OPERATIONS.
15. ALL CURB AND GUTTER SHALL BE TYPE CG-1 OR CG-2 AS NOTED ON THE PLAN.
16. ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND DESIGN CRITERIA OF THE METROPOLITAN CHAPTER OF APWA AND THE CITY OF LEE'S SUMMIT, MISSOURI, IN CURRENT USAGE EXCEPT AS NOTED.

NEW ASPHALT PAVEMENT, SEE DETAIL SHEET C600.
NOTE: PAVEMENT UNDER PARKING AREAS HAS A DIFFERENT THICKNESS THAN THE PAVEMENT UNDER THE DRIVES.

NEW CONCRETE PAVEMENT, SEE DETAIL SHEET C600.

Legend



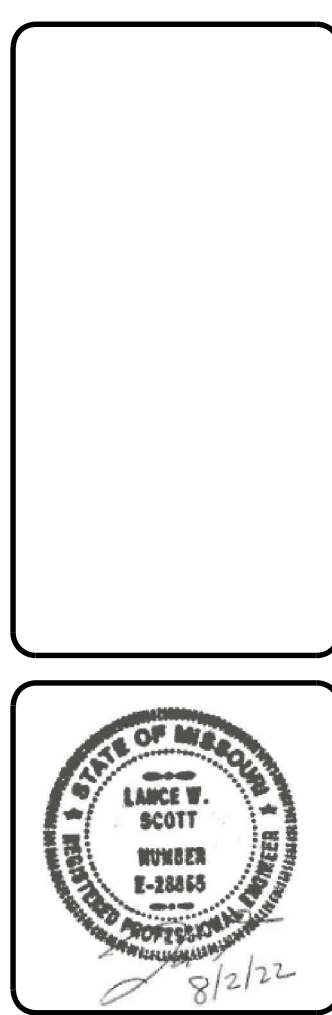
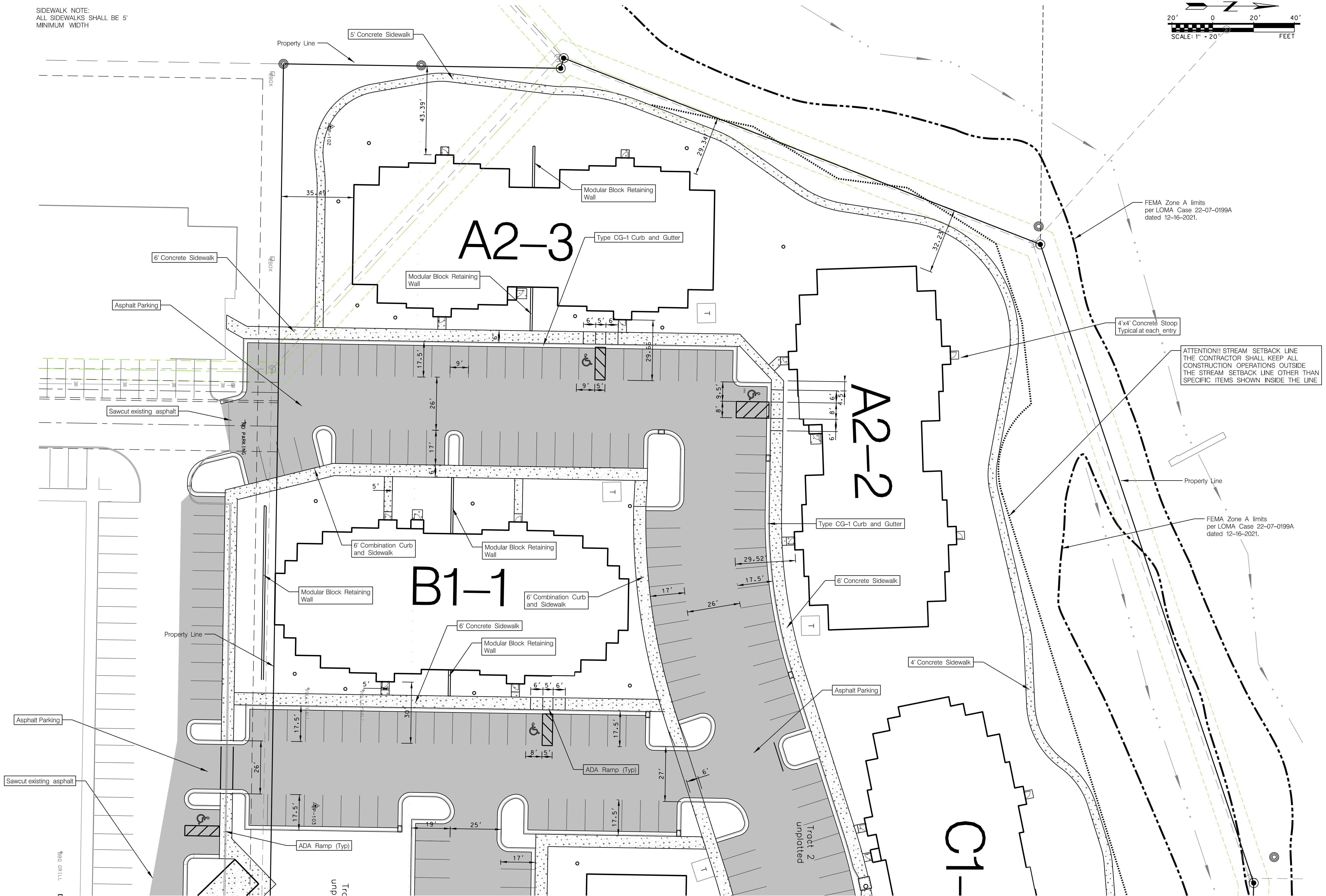
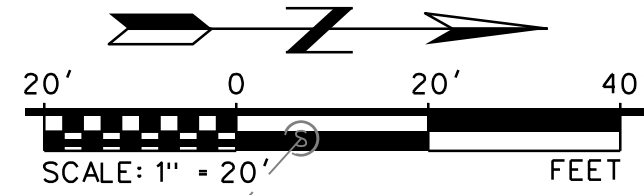
SUMMIT POINT
504 NE Chipman Road
Lee's Summit, Missouri

Construction Drawings

OVERALL SITE PLAN

Sheet
reference
number:
C200

SIDEWALK NOTE:
ALL SIDEWALKS SHALL BE 5'
MINIMUM WIDTH

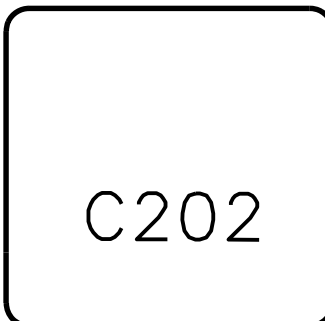


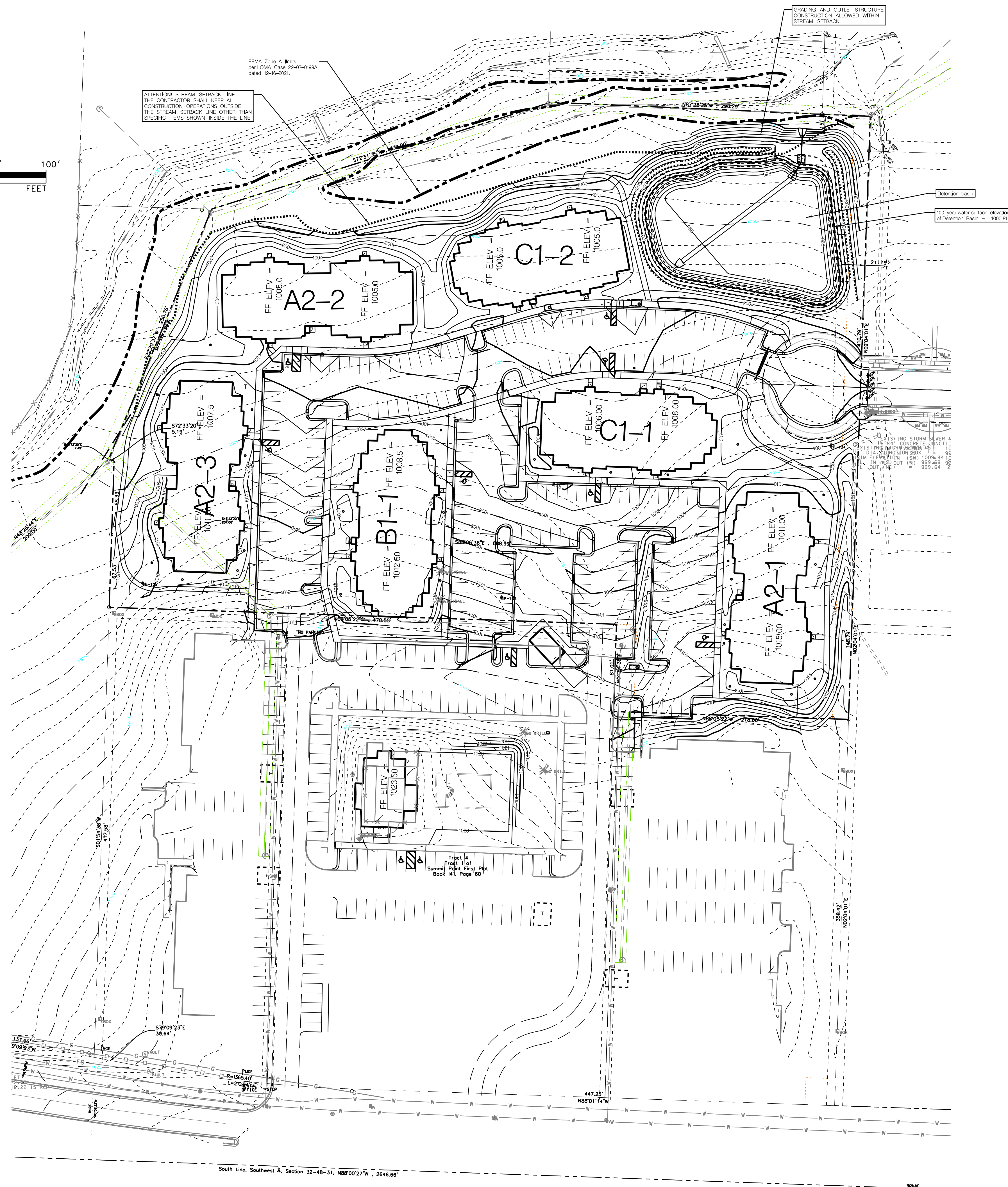
Rev.	Date	Designed by:	Drawn by:	Reviewed by:	Plot scale:	Work	Description	Date	Appr.
1	05-25-2015	RP	RP	LWS	1/80				
2	08/02/22						REVISED PER COMMENTS	08/02/22	
3	04/21/22						REVISED PER COMMENTS	04/21/22	
4	04/21/22						CITY SUBMITTAL	04/21/22	
5	08/02/22							08/02/22	

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Rev. 1 Date 05-25-2015 Designed by: RP Drawn by: RP Reviewed by: LWS Plot scale: 1/80 File name: 215065-ST-SH-CD West Side Plan.dgn Plot date: 8/2/2022 24x36 P/W
Construction Drawings	

SITE PLAN (WEST)

C201





1. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO: DRAINAGE, UTILITIES, PAVEMENT, STREETS, CURBS, ETC. AND TO THE REMOVAL OF ANY WORK DONE BY RIGHT OF WAY AND/OR CITY RIGHT OF WAY, REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
3. EXISTING AND PROPOSED CONTOURS ARE SHOWN AT ONE FOOT (1') INTERVALS AND ARE REFERENCED TO USDS DATUM.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE NECESSARY PERMITS FOR THE COMPLETION OF EARTHWORK AS SHOWN AND FOR HAULING BORROW MATERIAL IN AND WASTE MATERIAL OFF OF THE SITE.
5. AREAS OF PROPOSED CONSTRUCTION SHALL BE STRIPPED OF ALL VEGETATION AND TOPSOIL TO A DEPTH OF SIX INCHES OR AS SHOWN. TOPSOIL SHALL BE REMOVED BY ENGINEERING TOPSOIL SHALL BE STOCKPILED AND REDISTRIBUTED PER THE SPECIFICATIONS, TOPSOIL SHALL NOT BE USED FOR STRUCTURAL FILL IN BUILDING AND PAVEMENT AREAS.
6. TESTING AND INSPECTION OF EARTHWORK SHALL BE PROVIDED BY A TESTING LABORATORY SELECTED BY THE OWNER, THE OWNER SHALL BE RESPONSIBLE FOR THE COST OF TESTING.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD ADJUST THE TOPS OF ALL MANHOLES AND VALVE/METER BOXES AS NECESSARY TO MATCH THE FINISH GRADE OF ADJACENT AREAS, NO SEPARATE OR ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR MAKING FINAL ADJUSTMENTS TO MANHOLES AND BOXES.
8. SOIL FOR FILLING SHOULD BE GRADED AS IT ARRIVES.
9. GRADING SHALL NOT EXCEED A 3' HORIZONTAL TO A 1' VERTICAL SLOPE.
10. THE CONTRACTOR SHALL NOT EXCEED OUTSIDE THE PROPERTY LINE UNTIL APPROVED FROM APPROPRIATE REGULATORY AGENCIES.
11. REMOVE FROM THE SITE MATERIAL ENCOUNTERED IN GRADING OPERATIONS THAT, IN THE OPINION OF THE OWNER OR HIS REPRESENTATIVE, IS INCOMPATIBLE WITH INSTALLATION OF BACKFILL, SEWERAGE OR FOUNDATION PURPOSES, SHALL BE DISPOSED OF IN A MANNER SATISFACTORY TO THE OWNER. BACKFILL AREAS WITH LAYERS OF SUITABLE MATERIAL SHALL BE COMPACTED AS SPECIFIED.
12. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, REMOVE TREES, SHRUBS, GRASS, OTHER VEGETATION, LIMBS, BRANCHES, AND STUMPS BY CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY SOIL MATERIAL, UNLESS DIGGING OUT STUMPS AND ROOTS, DO NOT REMOVE ITEMS ELSEWHERE IN SITE OR PREMISES UNLESS SPECIFICALLY INDICATED.
13. STRIP TOPSOIL TO WHATEVER DEPTHS ENCOUNTERED TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER OBJECTIONABLE MATERIAL. CUT HEAVY GROWTHS OF GRASS FROM AREAS BEFORE STRIPPING TOPSOIL. TOPSOIL SHALL BE STOCKPILED IN A MANNER SATISFACTORY TO THE OWNER. TOPSOIL SHALL BE STOCKPILED IN A REASONABLY FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 2" IN DIAMETER, WEEDS, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
14. STOCKPILE TOPSOIL IN STORAGE PILES IN AREAS SHOWN OR WHERE DIRECTED. CONSTRUCT STORAGE PILES TO FREELY DRAIN SURFACE WATER. COVER STORAGE PILES IF REQUIRED TO PREVENT WINDBLOWN DUST. DISPOSE OF UNSUITABLE WASTE MATERIAL. EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.
15. COMPLETELY REMOVE STUMPS, ROOTS, AND OTHER DEBRIS BELOW PROPOSED SUBGRADE ELEVATION. FILL DEPRESSIONS CAUSED BY CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY SOIL MATERIAL, UNLESS FURTHER EXCAVATION OR EARTHWORK IS REQUIRED.
16. REMOVE EXISTING SOIL ABOVE AND BELOW GRADE IMPROVEMENTS AND ABANDON UNDERGROUND PIPING OR CONDUIT NECESSARY TO PERMIT CONSTRUCTION AND OTHER WORK.
17. UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS OR IN THE SOIL INVESTIGATION REPORT, AREAS EXPOSED BY EXCAVATION OR STRIPPING AND ON WHICH SUBGRADE PREPARATIONS ARE TO BE PERFORMED SHALL BE REPAIRED TO A MINIMUM DEPTH OF 8" AND COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY, IN ACCORDANCE WITH ASTM D 698, AT A MOISTURE CONTENT OF NOT LESS THAN 22% BELOW AND NOT MORE THAN 22% ABOVE THE OPTIMUM MOISTURE CONTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXPOSED AREAS SHALL THEN BE PROFFERED TO DETECT ANY AREAS OF INSUFFICIENT COMPACTION. PROFFING SHALL BE ACCOMPLISHED BY MAKING TWO (2) COMPLETE PASSES WITH A FULLY-LOADED TANDEN-AXLE DRUM TRUCK, OR EQUIVALENT EQUIPMENT, IN OPPOSITE DIRECTIONS UNDER THE SUPERVISION AND DIRECTION OF A FIELD GEOTECHNICAL ENGINEER. AREAS OF FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS STATED ABOVE.
18. UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS, FILL MATERIALS USED IN PREPARATION OF SUBGRADE SHALL BE PLACED IN LIFTS OR LAYERS NOT TO EXCEED 6" LOOSE MEASURE AND COMPACTED TO A MINIMUM DENSITY OF 95% OF THE STANDARD PROCTOR DRY DENSITY, IN ACCORDANCE WITH ASTM D 698, AT A MOISTURE CONTENT OF NOT LESS THAN 22% BELOW AND NOT MORE THAN 22% ABOVE THE OPTIMUM MOISTURE CONTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXPOSED AREAS SHALL THEN BE PROFFERED TO DETECT ANY AREAS OF INSUFFICIENT COMPACTION. PROFFING SHALL BE ACCOMPLISHED BY MAKING TWO (2) COMPLETE PASSES WITH A FULLY-LOADED TANDEN-AXLE DRUM TRUCK, OR EQUIVALENT EQUIPMENT, IN OPPOSITE DIRECTIONS UNDER THE SUPERVISION AND DIRECTION OF A FIELD GEOTECHNICAL ENGINEER. AREAS OF FAILURE SHALL BE EXCAVATED AND RE-COMPACTED AS STATED ABOVE.
19. ALL GRADING SHALL COMPLY WITH THE GEOTECHNICAL REPORT.
20. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL IN ACCORDANCE WITH THE APPROVED LAND DISTURBANCE PERMIT ISSUED BY THE CITY OF LEE'S SUMMIT, MISSOURI PUBLIC WORKS.
21. SEE SHEETS C301 AND C302 FOR SPOOT ELEVATIONS.

[illegible]

SUMMIT POINT 50% Preliminary and Final Plans for Lee's Summit, Missouri	Designed by:	Date:	Rev.
	Prepared by: RPM	03-25-2015	-
	Reviewed by: LWS	03-25-2015	
	Submitted by:	Plot scale:	
	---	1/8" = 1'	

Construction Drawings

File name: 20150325-50% Preliminary and Final Plans for Lee's Summit, Missouri.dwg

OVERALL GRADING PLAN

Sheet
reference
number:
C300



ATTENTION!! STREAM SETBACK LINE
THE CONTRACTOR SHALL KEEP ALL
CONSTRUCTION OPERATIONS OUTSIDE
THE STREAM SETBACK LINE OTHER THAN
SPECIFIC ITEMS SHOWN INSIDE THE LINE

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

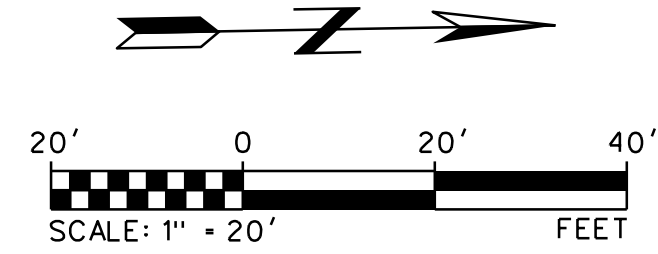


Rev.	Date	Description	Appr.
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2	04/27/22	REVISED PER COMMENTS	
3	04/27/22	CITY SUBMITTAL	

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Designed by: RP	Date: 05-25-2015	Rev.
	Dwn by: RP	Reviewed by: LWS	
	Submitted by: ---	Plot scale: 1/20	
Construction Drawings	File name: 215065-ST-SH-CD West Side Grading Plan.dgn Plot date: 8/2/2022 3:04:45 PM		

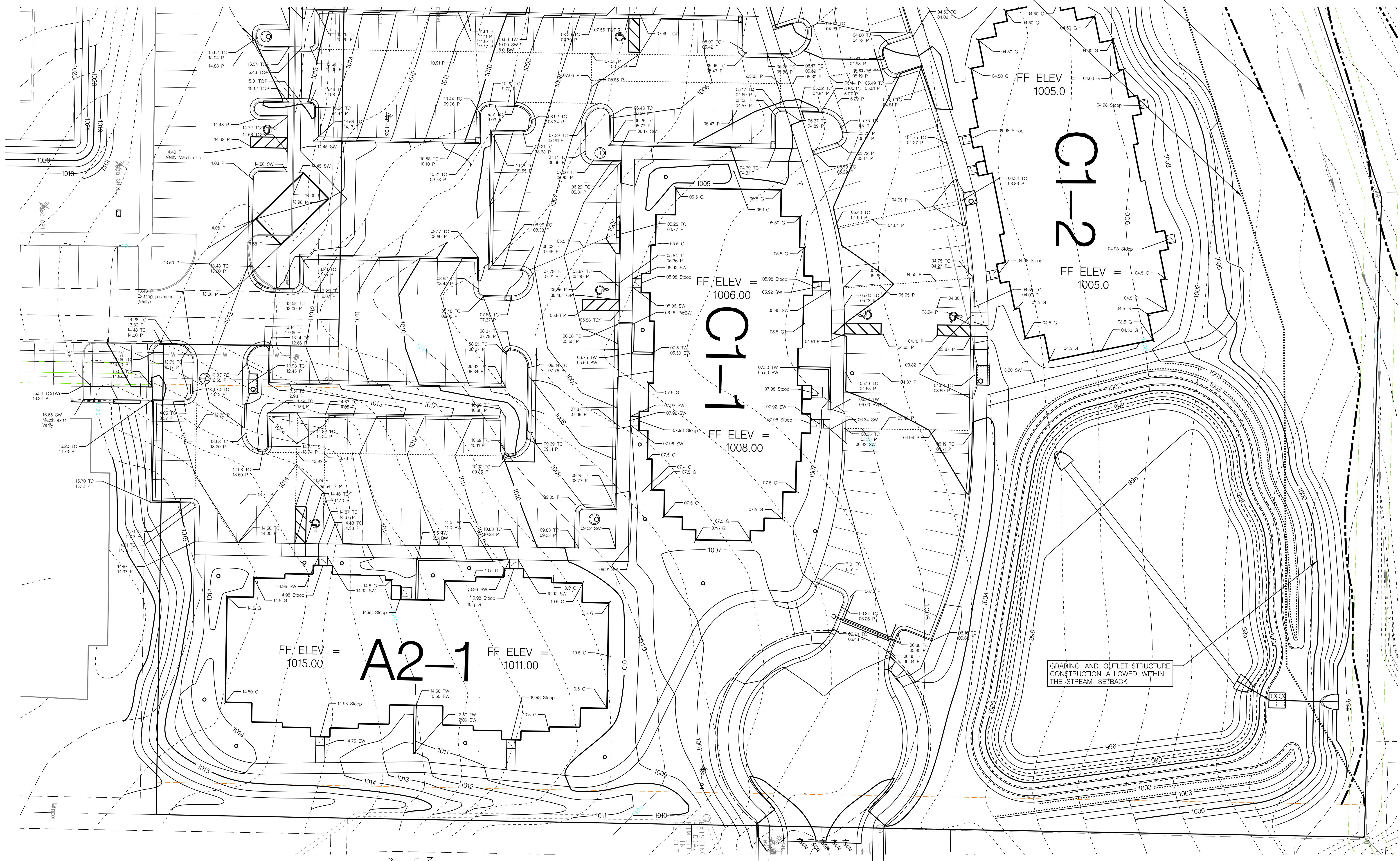
WEST SIDE GRADING PLAN

C301



ATTENTION!! STREAM SETBACK LINE
THE CONTRACTOR SHALL KEEP ALL
CONSTRUCTION OPERATIONS OUTSIDE
THE STREAM SETBACK LINE OTHER THAN
SPECIFIC ITEMS SHOWN INSIDE THE LINE

FEMA Zone A limits
per LOMA Case 22-07-0199A
dated 12-16-2021.

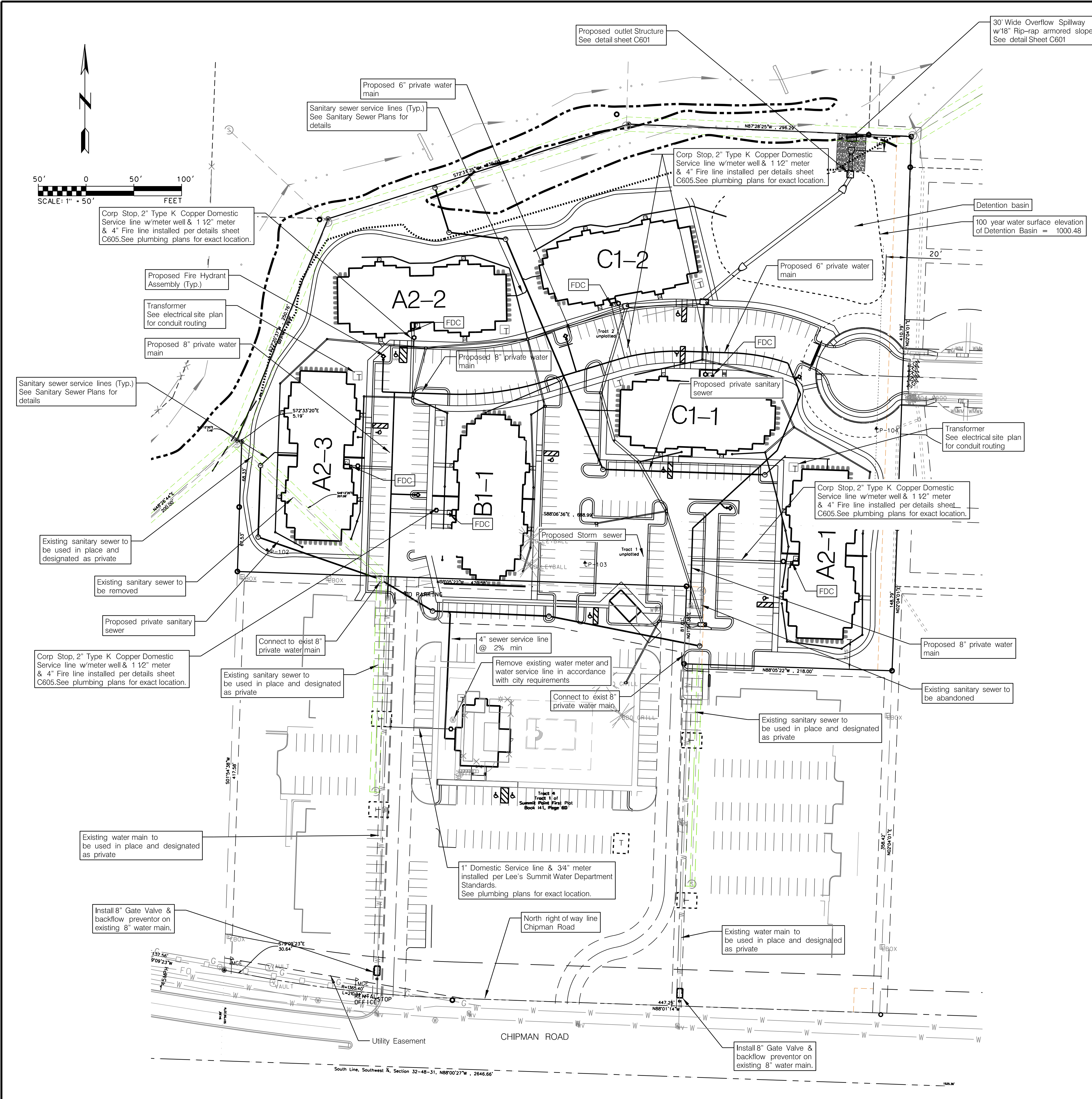


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2	04/21/22	REVISED PER COMMENTS	
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4	02/02/22	CITY SUBMITTAL	

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Designed by: RP	Date: 05-25-2015	Rev.
	Dwn by: LWS	Reviewed by:	
Construction Drawings	Submitted by:	Plot scale: 1/20	
	File name: 215065-ST-SH-CD East Side Grading Plan.dgn Plot date: 8/2/2022 3:02:17 PM		

EAST SIDE GRADING PLAN

C302



- UTILITY NOTES:**
- CONTRACTOR TO COORDINATE WITH APPROPRIATE, UTILITY COMPANIES PRIOR TO CONSTRUCTION ADJUSTMENT, OR RELOCATION OF EXISTING UTILITIES AS DESIGNATED ON PLANS. ANY DEVIATION FROM THE DESIGN LOCATIONS SHALL BE REPORTED TO THE ENGINEER OF RECORD AND THE OWNER PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL REFER TO ARCHITECTS PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION, WATER SERVICE, ELECTRICAL, AND TELEPHONE SERVICE.
 - CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH CITY UTILITY REQUIREMENTS AS TO LOCATION AND SCHEDULING OF TIE-INS/CONNECTION TO THEIR FACILITIES.
 - THE CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS AND RELOCATIONS AS REQUIRED WITH THE RESPECTIVE UTILITY COMPANY/OWNER.
 - THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS AND PAY ALL FEES AS REQUIRED FOR UTILITY SERVICE CONNECTIONS.
 - THE CONTRACTOR SHALL COORDINATE LOCATIONS AND SIZES OF UTILITY SERVICE CONNECTIONS AT THE BUILDING WITH THE ARCHITECTS, MECHANICAL, PLUMBING PLANS AND DETAILS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL PUBLIC AND DOMESTIC WATER SERVICE LINES, METERS, BACK-FLOW DEVICES, PITS, VALVES AND ALL OTHER INCIDENTALS REQUIRED FOR A COMPLETE OPERABLE DOMESTIC WATER SYSTEM. ALL COST ASSOCIATED WITH THE COMPLETE WATER SYSTEM FOR THE BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DOMESTIC AND IRRIGATION LINES SHALL BE OF MATERIALS APPROVED BY THE CITY OF LEE'S SUMMIT.
 - THE CONTRACTOR SHALL INSTALL A BACKFLOW PREVENTION ASSEMBLY ON THE DOMESTIC WATER SERVICE LINE PRIOR TO ANY POINT OF USE.
 - THE CONTRACTOR SHALL COORDINATE INSTALLATION AND LOCATION OF ELECTRICAL SERVICE AND TRANSFORMER PADS WITH THE POWER COMPANY.
 - THE CONTRACTOR SHALL COORDINATE LOCATION AND CONSTRUCTION OF GAS SERVICE LINE AND GAS METER WITH THE GAS COMPANY.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL SANITARY SEWER SERVICE LINES FROM THE BUILDINGS TO THE PUBLIC OR PRIVATE LINE. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL AND PLUMBING PLANS FOR SPECIFIC LOCATIONS AND ELEVATIONS OF THE SERVICE LINES AT THE BUILDING CONNECTION. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF LEE'S SUMMIT, MISSOURI.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS AND EQUIPMENT AND INSTALLATION OF ELECTRICAL POWER, TELEPHONE AND GAS SERVICE FROM A POINT OF CONNECTION FROM THE PUBLIC OR PRIVATE UTILITY LINES TO THE BUILDING STRUCTURES. THIS WILL INCLUDE ALL CONDUITS, SERVICE LINES, METERS, CONCRETE PADS AND ALL OTHER INCIDENTALS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AS REQUIRED BY THE OWNER AND THE PUBLIC UTILITIES. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR SIZE OF UTILITIES SPECIFIC LOCATION OF SERVICE AND ENTRANCE DETAILS OF THE BUILDINGS.
 - THE CONTRACTOR SHALL COORDINATE WITH THE PHONE COMPANY FOR LOCATION AND INSTALLATION OF PHONE SERVICE TO BUILDING.
 - A RIGHT-OF-WAY WORK PERMIT SHALL BE OBTAINED BY THE CONTRACTOR TO COMPLETE UTILITY WORK WITHIN THE PUBLIC STREET RIGHT-OF-WAY.
 - CONTRACTOR SHALL INSTALL 2-2" CONDUITS FOR THE TELEPHONE AND CATV SERVICE CONNECTIONS TO THE BUILDING AS REQUIRED BY THE UTILITY COMPANY (SEE ELECTRICAL PLAN).
 - ALL SANITARY SEWER PVC PIPING SHALL BE SDR-26, UNLESS OTHERWISE NOTED. ALL SERVICE LATERALS SHALL BE 4" DIA., AND ALL WYE CONNECTIONS SHALL BE "CUT IN".

- NOTES:**
- All construction shall be per APWA and/or Lee's Summit standards.
 - Project will be all electric. No gas lines will be provided.
 - Storm Sewer shall be HDPE or PVC.
 - Unless noted otherwise, all of the drainage for the project shall be Private.
 - Fire Department Connection (FDC) shall be 4" Storz type fitting.
 - All water lines and fire hydrants shall be Private.
 - All transforming and ground mounted equipment shall be screened by landscaping.
 - Ductile Iron Pipe for waterlines shall be zinc coated in accordance with Lee's Summit standards.

FIRE DEPARTMENT CONNECTION:

Each building has a water room located near the center on the front.
Fire department connection is located in the water room and is shown thus.

STATE OF MISSOURI
JAMES W. SCOTT
REGISTERED PROFESSIONAL ENGINEER
NO. 18855
8/2/22

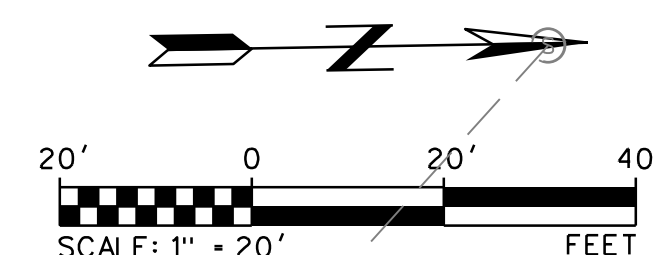
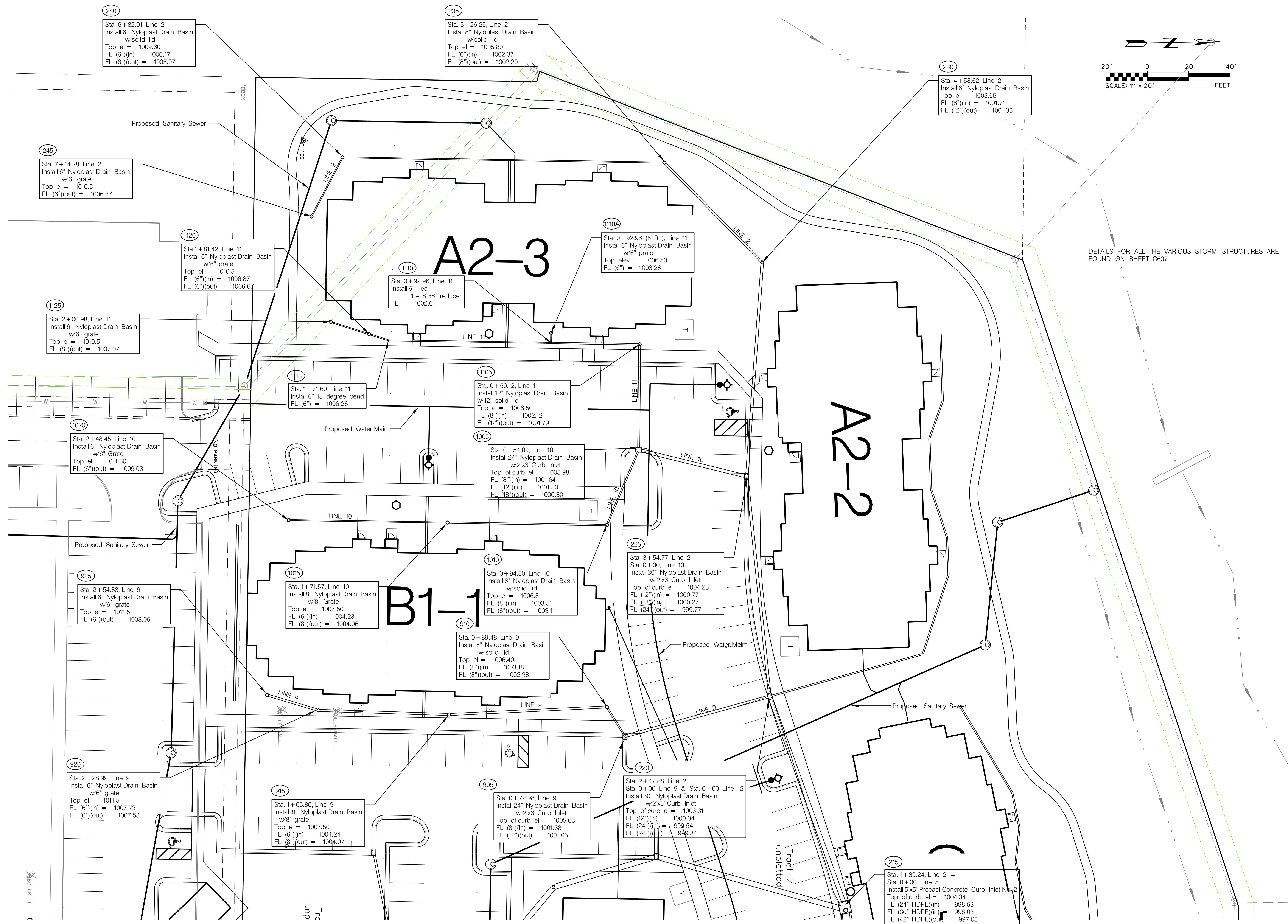
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100	04-21-22	RP	REVIEWED BY	

Summit Point
504 NE Chipman Road
Lee's Summit, Missouri

Construction Drawings

UTILITY PLAN

Sheet reference number:
C400



DETAILS FOR ALL THE VARIOUS STORM STRUCTURES ARE
FOUND ON SHEET C607

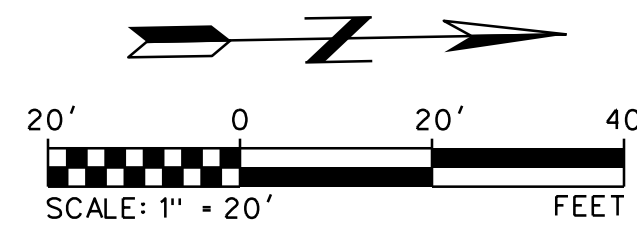
STATE OF MISSOURI
LANCE W.
SCOTT
NUMBER
E-28865
REGISTERED PROFESSIONAL ENGINEER

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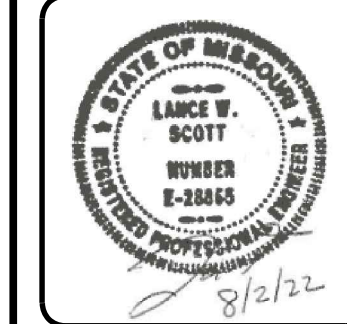
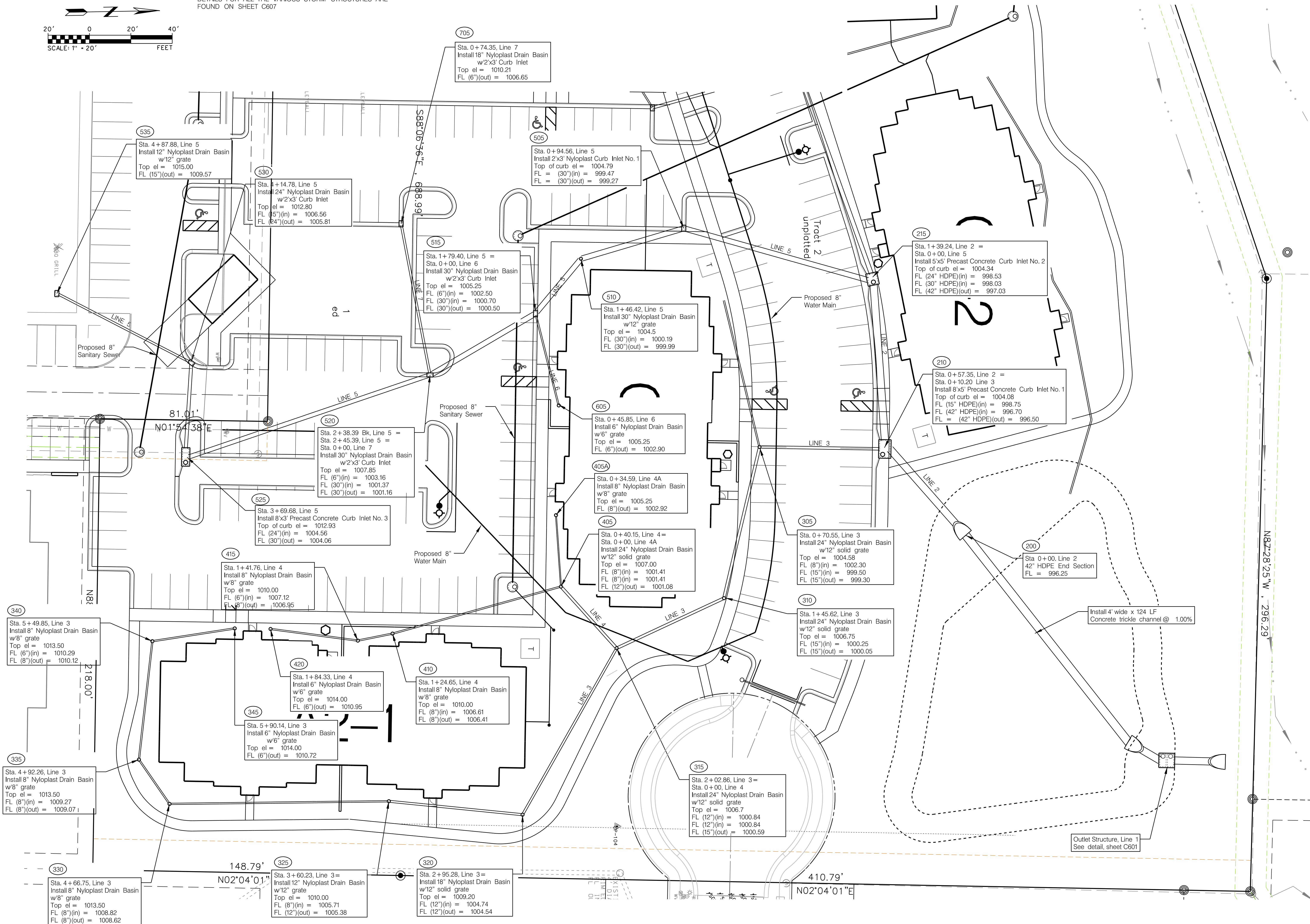
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Submitted by:				
File name: 250605-ST-31-CD West Site Drainage Plan.dwg				

WEST SIDE DRAINAGE PLAN
L2, L9, L10, L11 & L12

C401



DETAILS FOR ALL THE VARIOUS STORM STRUCTURES ARE
FOUND ON SHEET C607



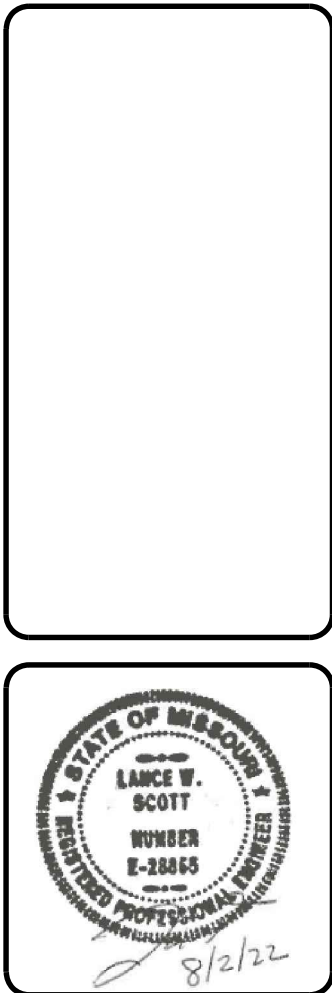
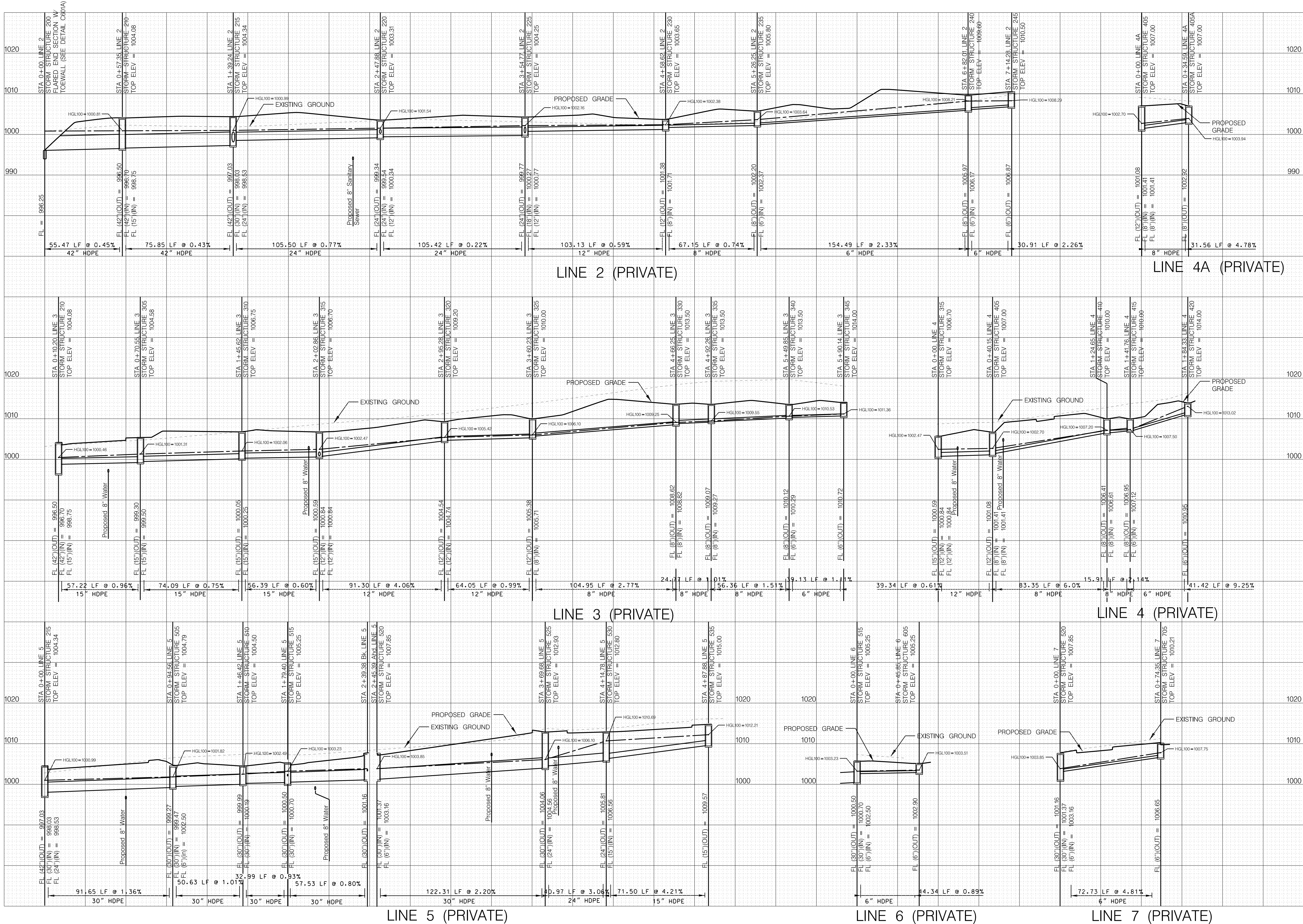
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2	04/27/22	REVISED PER COMMENTS		04/27/22	
3	04/27/22	CITY SUBMITTAL		04/27/22	

Designed by: RP	Date: 05-25-2015	Rev.:
Dwn by: LWS	Reviewed by:	
Submitted by:	Plot scale:	
File name: 215065-ST-SH-CD East Side Drainage Plan.dwg Plot date: 8/2/2022 3:05:26 PM		

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Construction Drawings
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EAST SIDE DRAINAGE PLAN
L1, L2, L3, L4, L4A, L5,
L6 & L7

C402



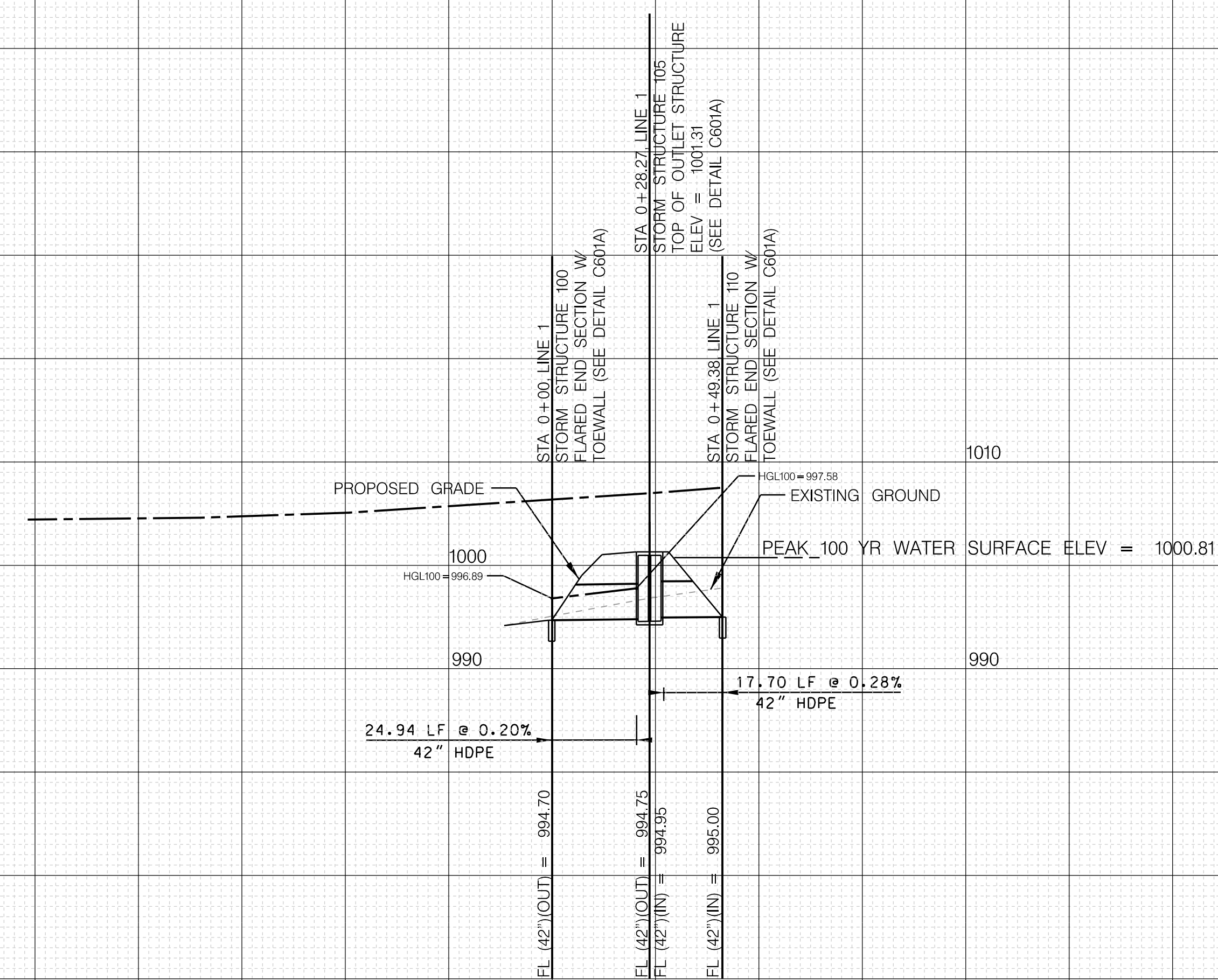
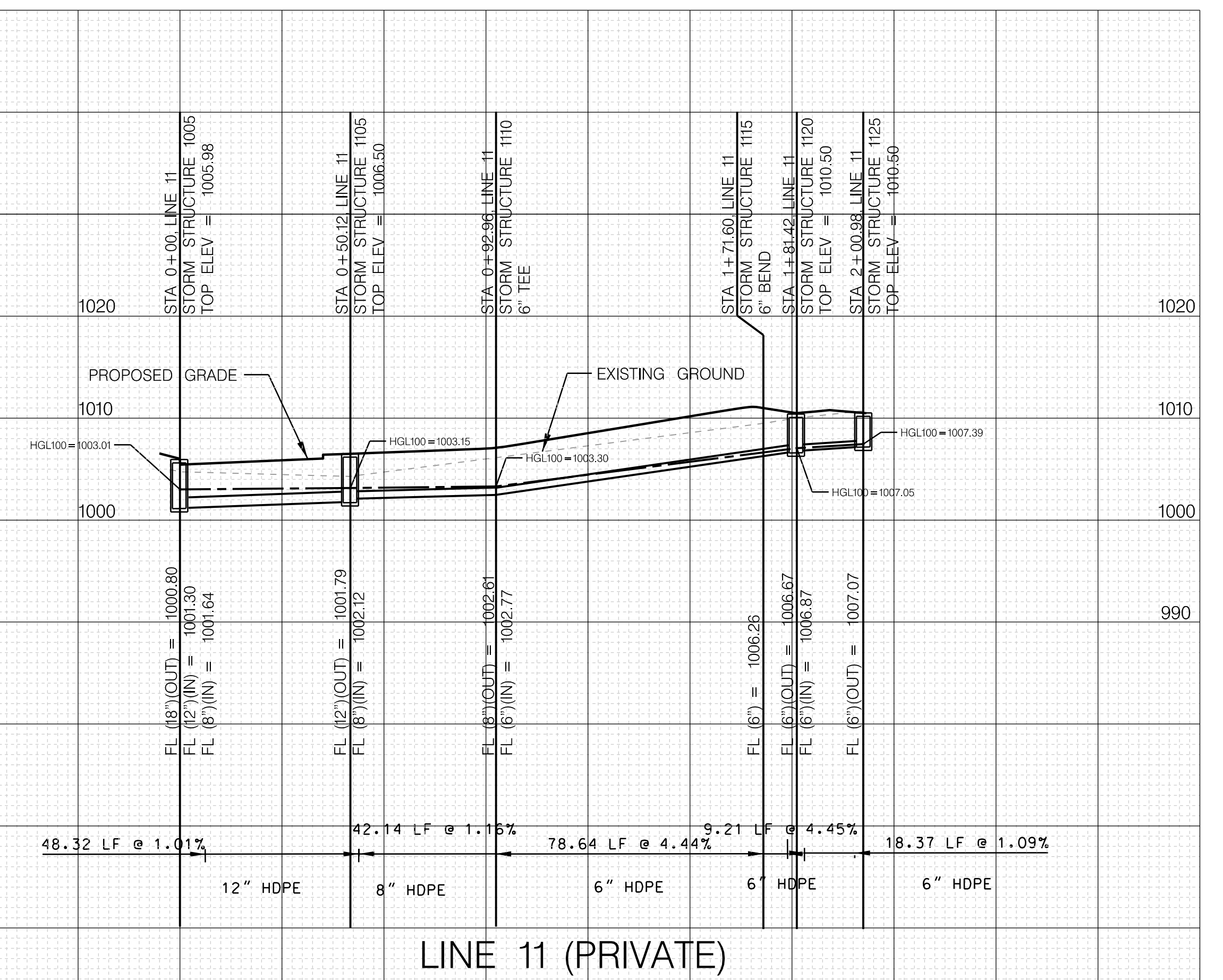
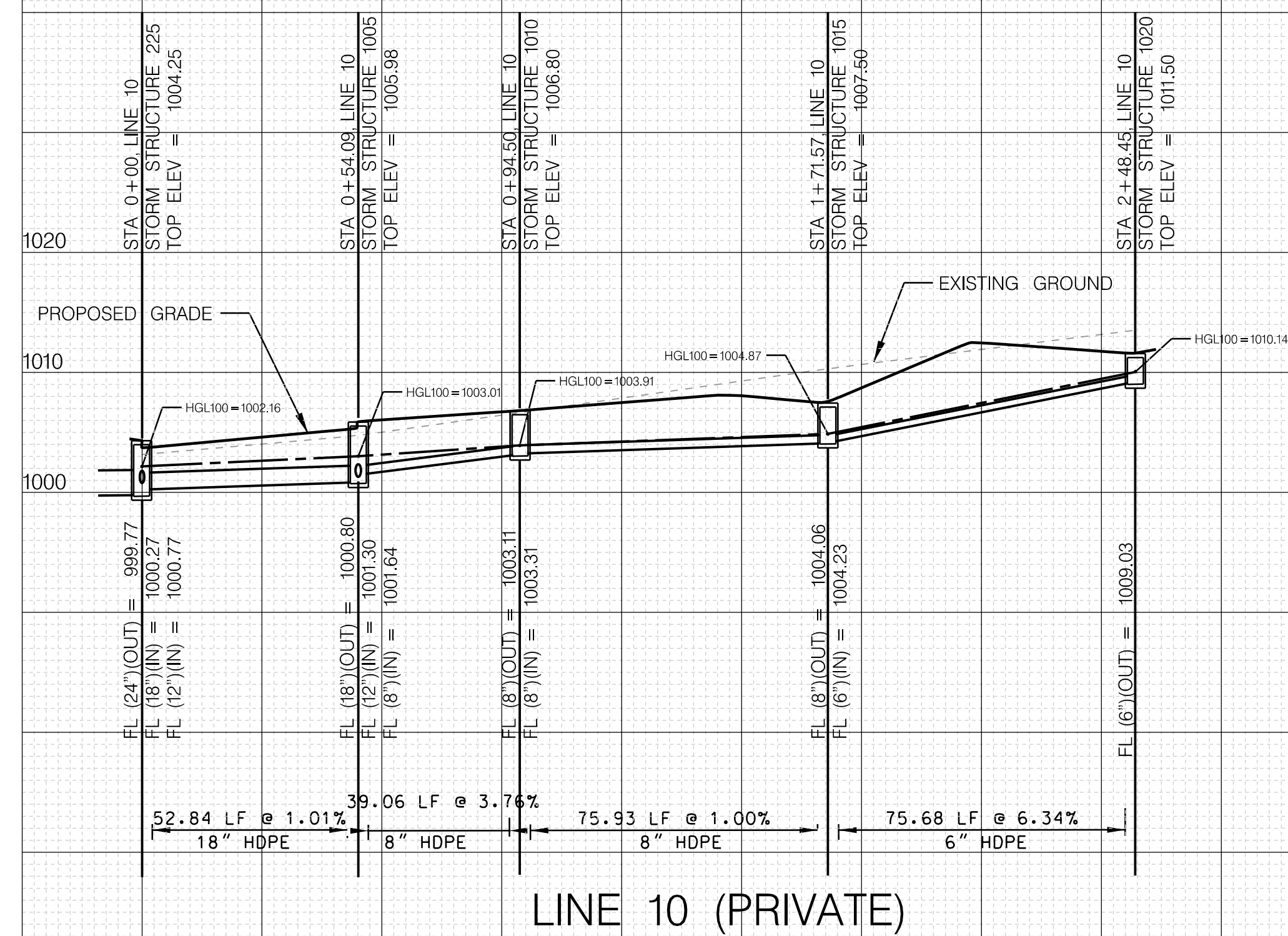
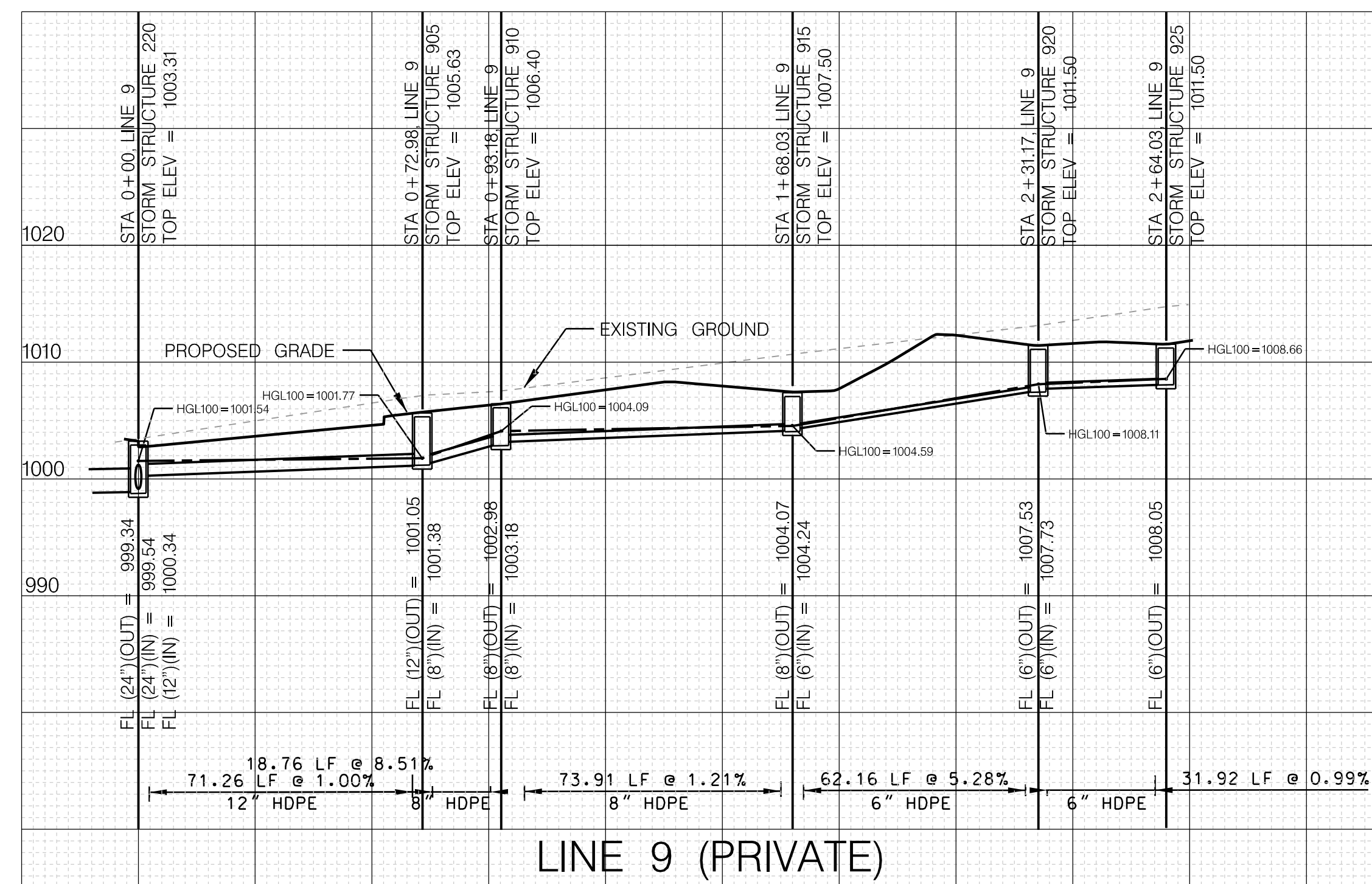
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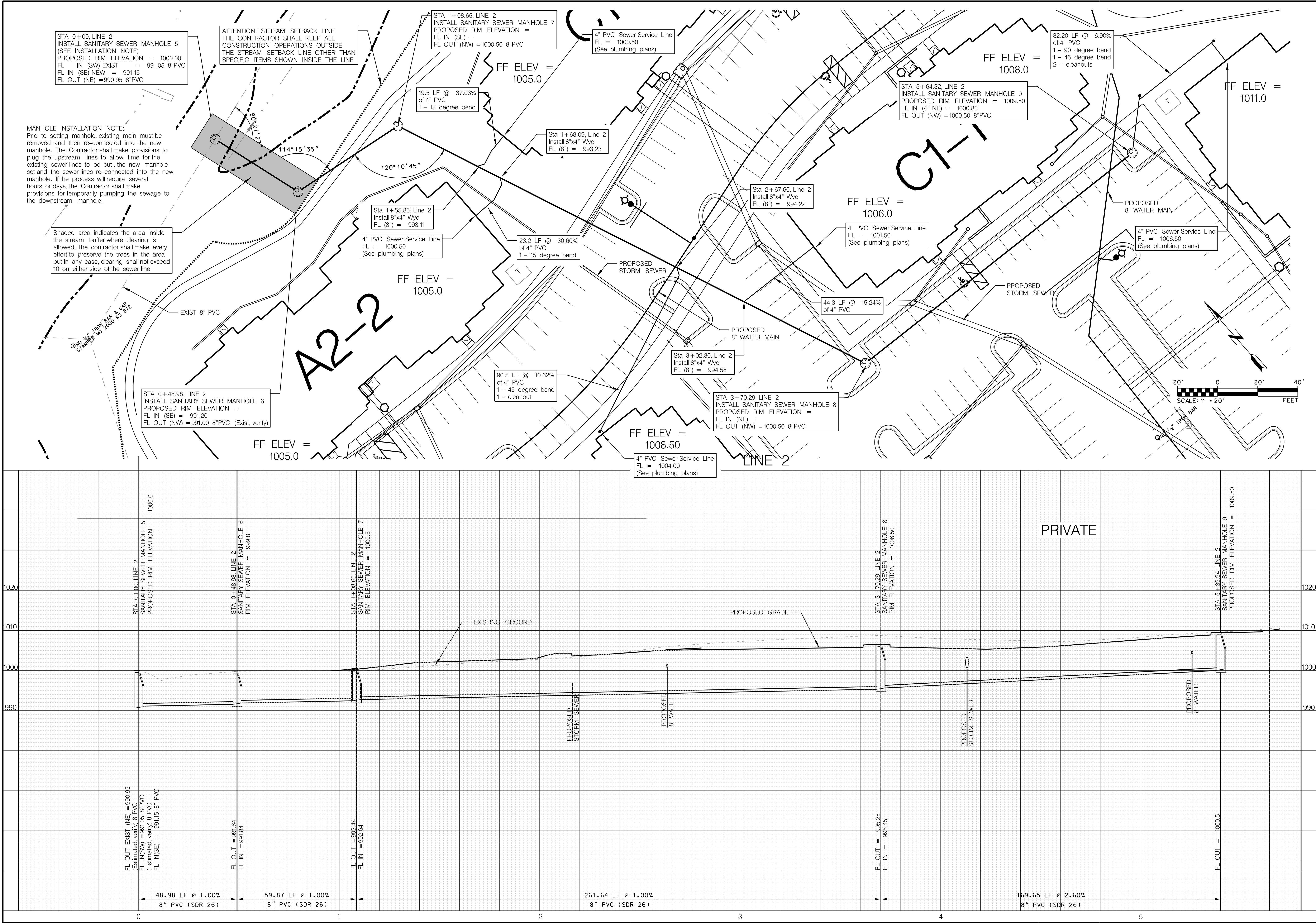
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File name: 215065-51-SW-CD Storm Sewer Profiles Sheet Ldg		
Plot date: 8/2/2022		

SUMMIT POINT	Construction Drawings
504 NE Chipman Road Lee's Summit, Missouri	

DRAINAGE PROFILES
L2, L3, L4, L4A, L5,
L6 & L7

C403





STATE OF MISSOURI
LANCE W. SCOTT
REGISTERED PROFESSIONAL ENGINEER
No. 10000
EX-20000
8/2/22

8/2/22

Rev.	Date	Designed by:	Drawn by:	Checked by:	Reviewed by:	Plot scale:	City Submittal	Design	Ver.	Date	Appr.
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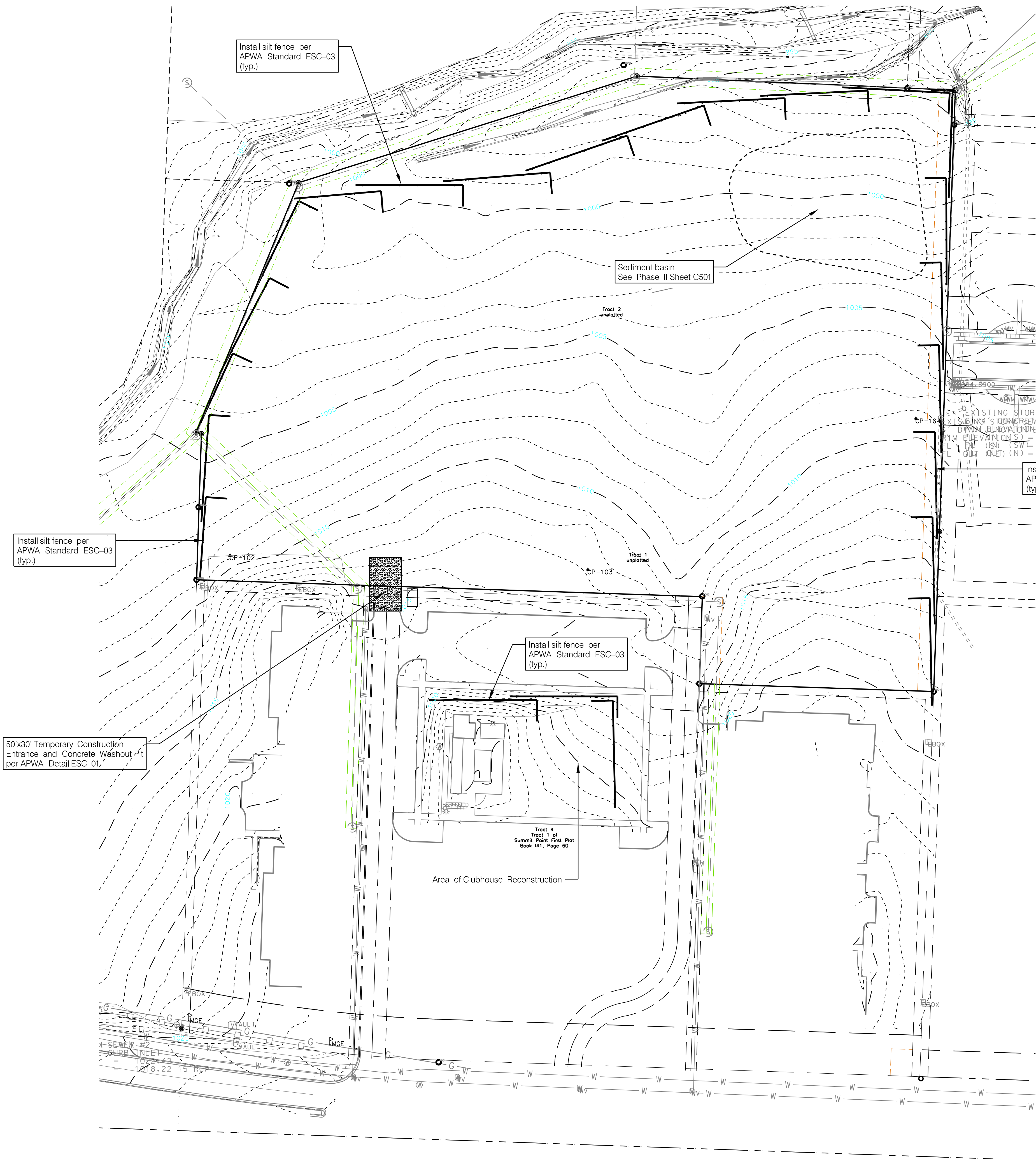
SUMMIT POINT
504 NE Chipman Road
Lee's Summit, Missouri

Construction Drawings

SANITARY SEWER
PLAN AND PROFILE
LINE 2

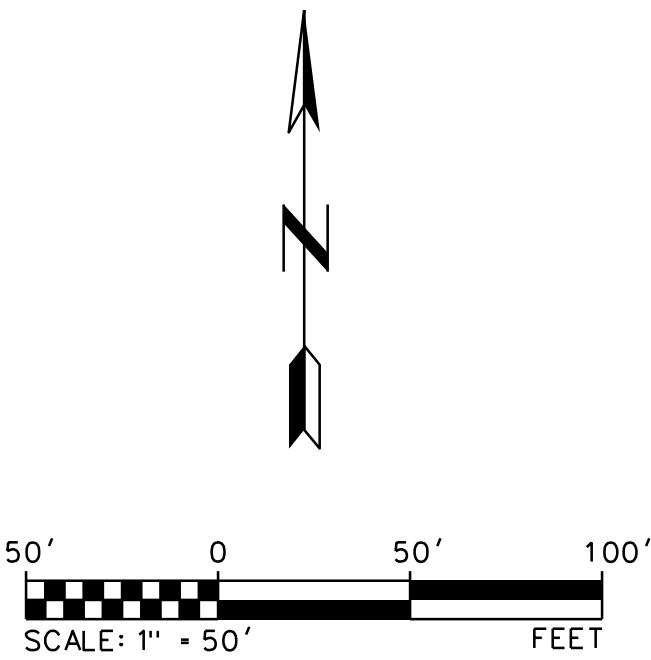
C406

G:\Shared drives\215065\CADD\215065-ST-SH-CD San Sewer Plan & Profile Line 2.dgn



EROSION CONTROL PHASE I

- NOTES:
1. Install 30'x50' Temporary Const Entrance
 2. Set Material Storage Area
 3. Install Silt Fence
 4. Begin clearing and grubbing operations



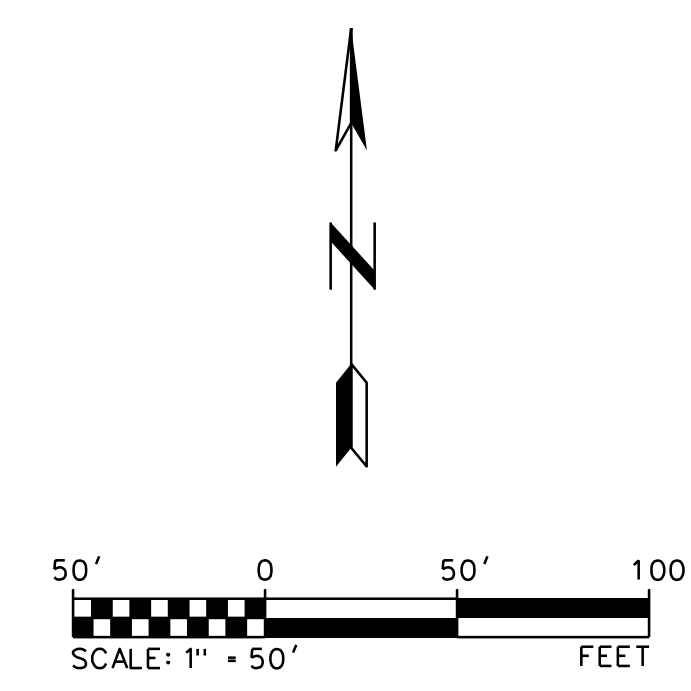
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Designed by: RP	Date: 05-25-2015	Rev. -
Dwn by: LWS	Reviewed by: ---	
Submitted by: ---	Plot scale: 1/50	
File name: 2/20/2022 ST-SHCD EC Phase I.dgn Plot date: 8/2/2022 2:20:35 PM		

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Construction Drawings
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EROSION CONTROL PLAN
PHASE I
PRE-CONSTRUCTION

Sheet
reference
number:
C500



NOTES:

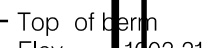
1. Maintain erosion control features until permanent ground cover vegetation has been established.
2. Dismantle and remove Sediment Basin outlet culvert and skimmer.
3. Remove curb inlet protection and area inlet and junction box protection.
4. Remove temporary construction entrance and concrete wash pit.

Sheet
reference
number:

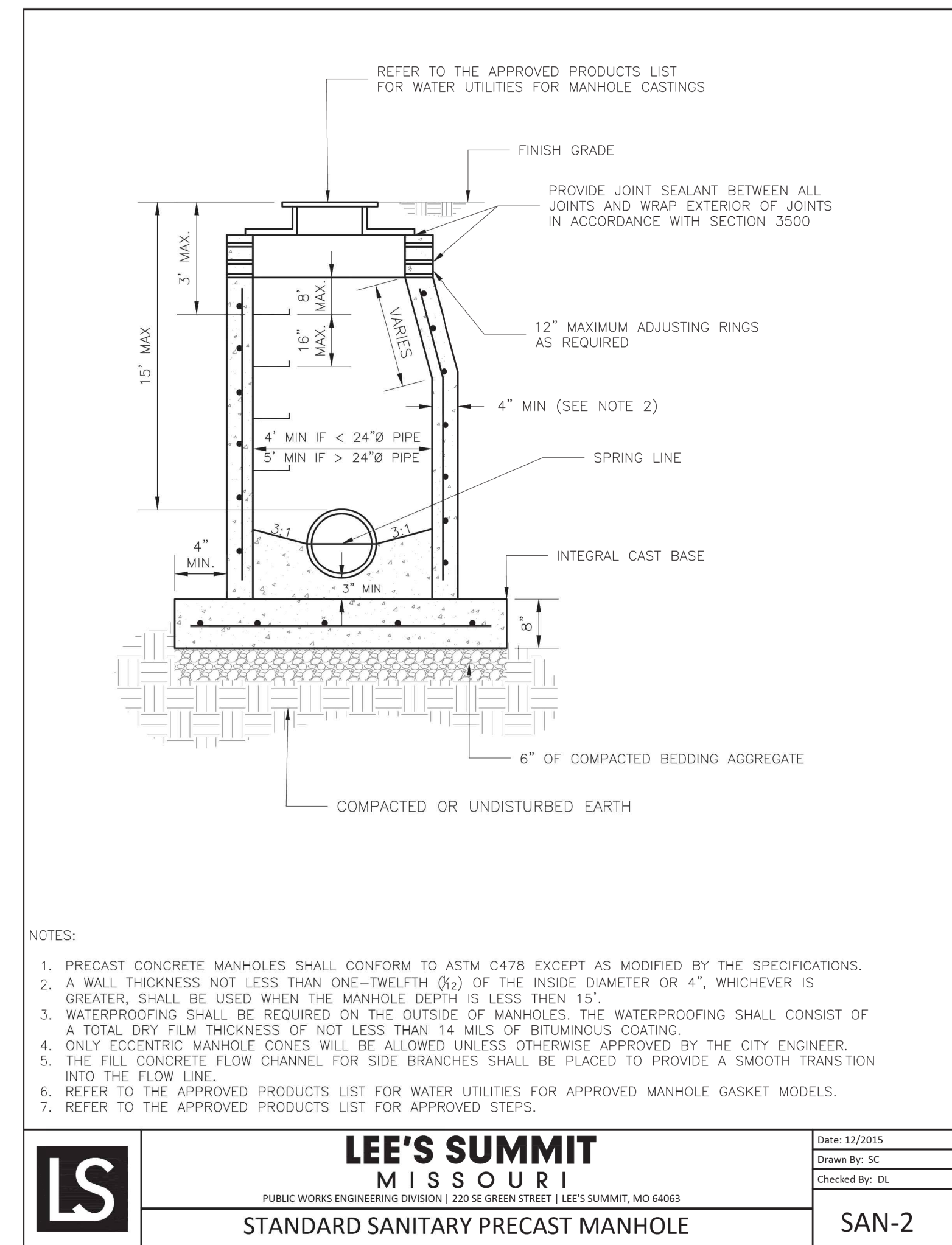
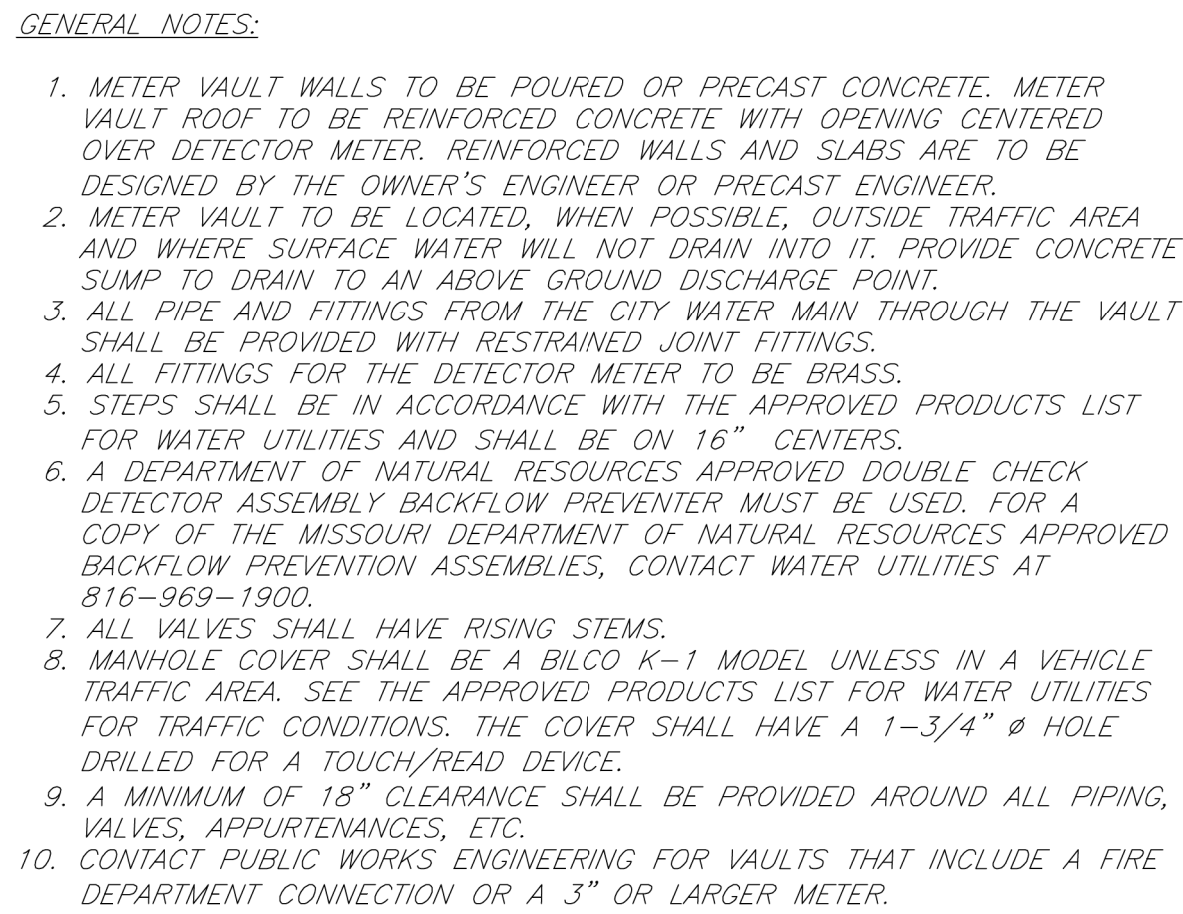
C502



OUTLET STRUCTURE SECTION
NOT TO SCALE
See profile, Sheet C404



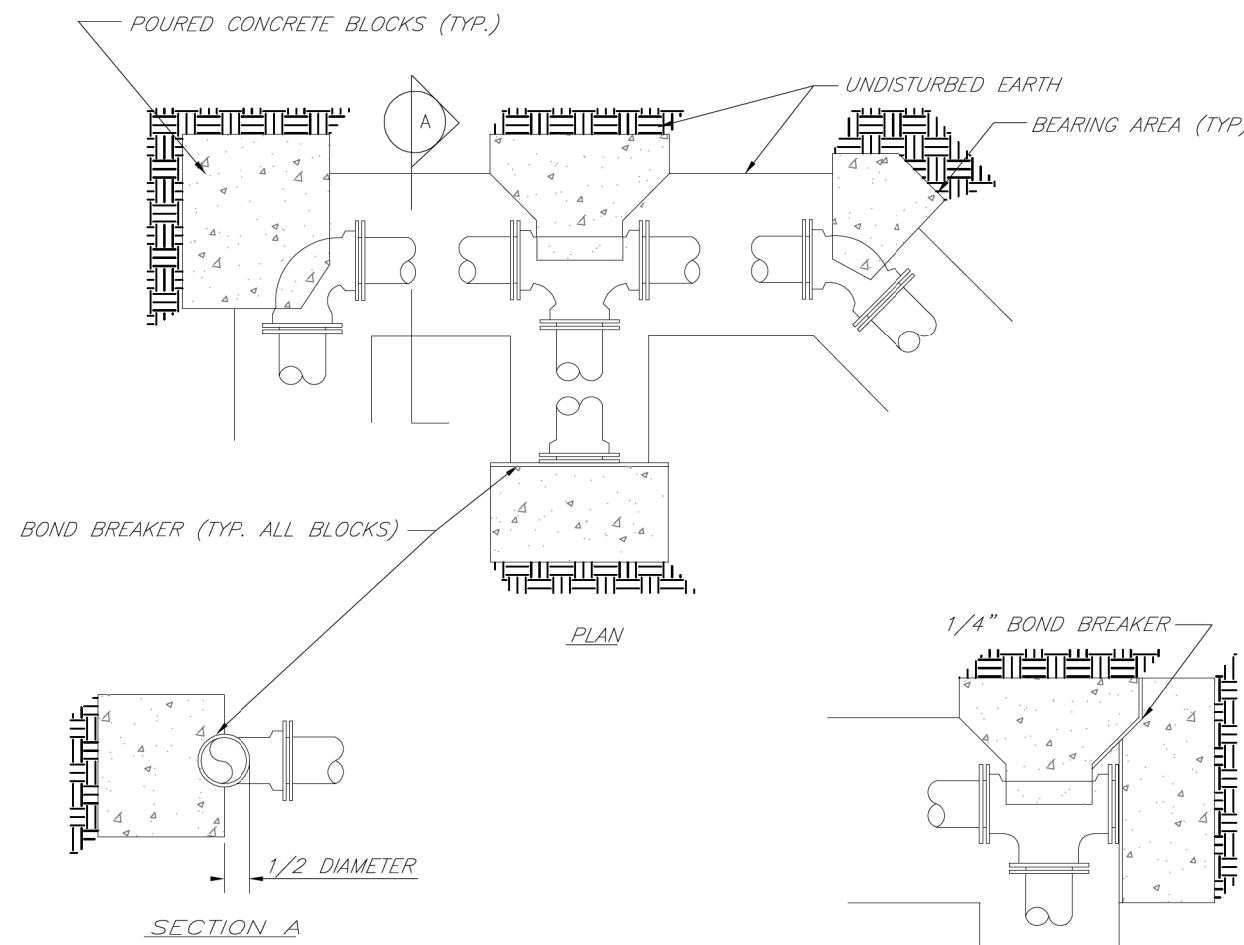
C601A



REQUIRED CONCRETE BEARING AREA (SQUARE FEET - SF)				
NOM. DIA. (INCHES)	180 TEE, PLUG	90 BEND	45 BEND	22.5 BEND
6	4.7	6.7	4.0	4.0
8	8.4	11.8	6.4	4.0
10	13.1	18.7	10.0	5.1
12	18.8	26.7	14.4	7.4
14	25.7	36.3	19.6	10.0
16	33.5	47.4	25.6	13.1
18	42.4	REST. JT.	32.5	16.5
20	REST. JT.	REST. JT.	40.1	20.4
24	REST. JT.	REST. JT.	REST. JT.	29.4

NOTES:

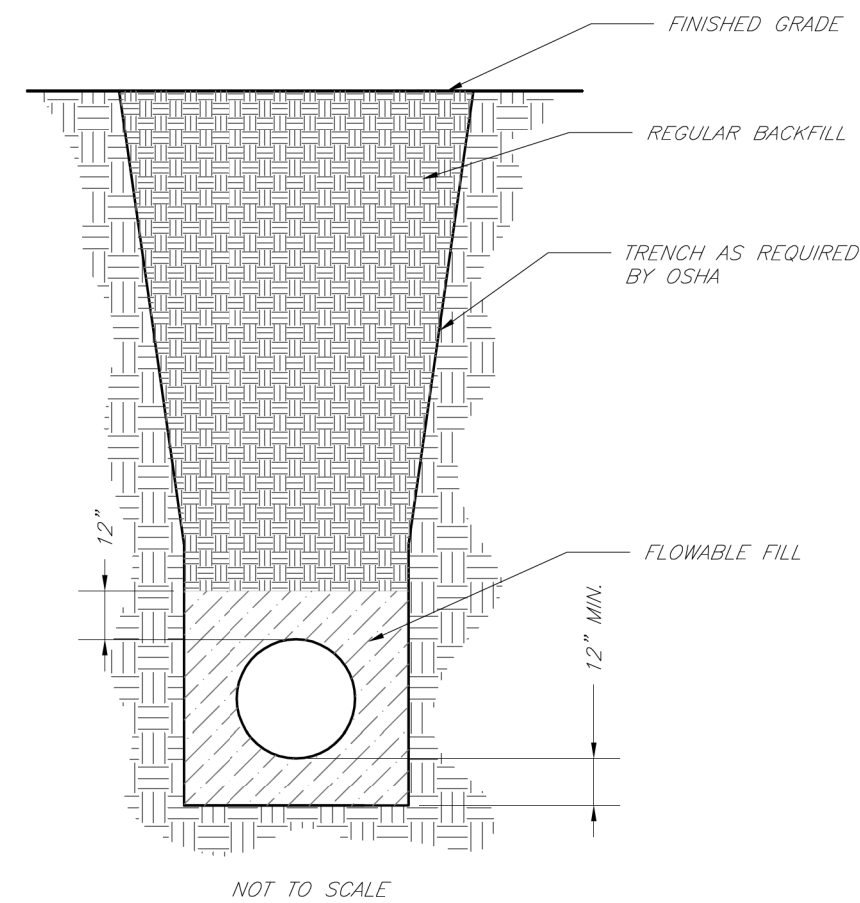
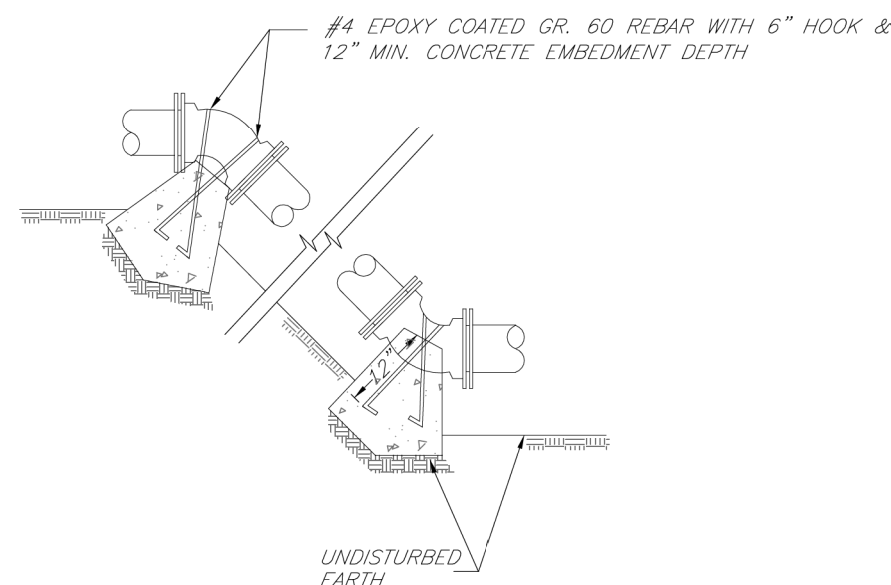
1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
3. BEARING AREA MUST BE AGAINST UNDISTURBED SOIL.
4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.



REQUIRED CONCRETE VOLUME (CUBIC FEET - CF)						
NOM. DIA. (INCHES)	180	90	45	22.5	11.25	
	TEE, PLUG	BEND	BEND	BEND	BEND	
6	50.5	71.4	38.6	19.7	9.9	
8	89.8	126.9	68.7	35.0	17.5	
10	140.2	198.3	107.3	54.7	27.6	
12	202.0	289.8	154.6	78.9	39.6	
14	REST. JT.	REST. JT.	210.4	107.3	53.9	
16	REST. JT.	REST. JT.	REST. JT.	140.1	70.4	
18	REST. JT.	REST. JT.	REST. JT.	177.3	89.7	
20	REST. JT.	REST. JT.	REST. JT.	REST. JT.	110.0	
24	REST. JT.	REST. JT.	REST. JT.	REST. JT.	158.4	

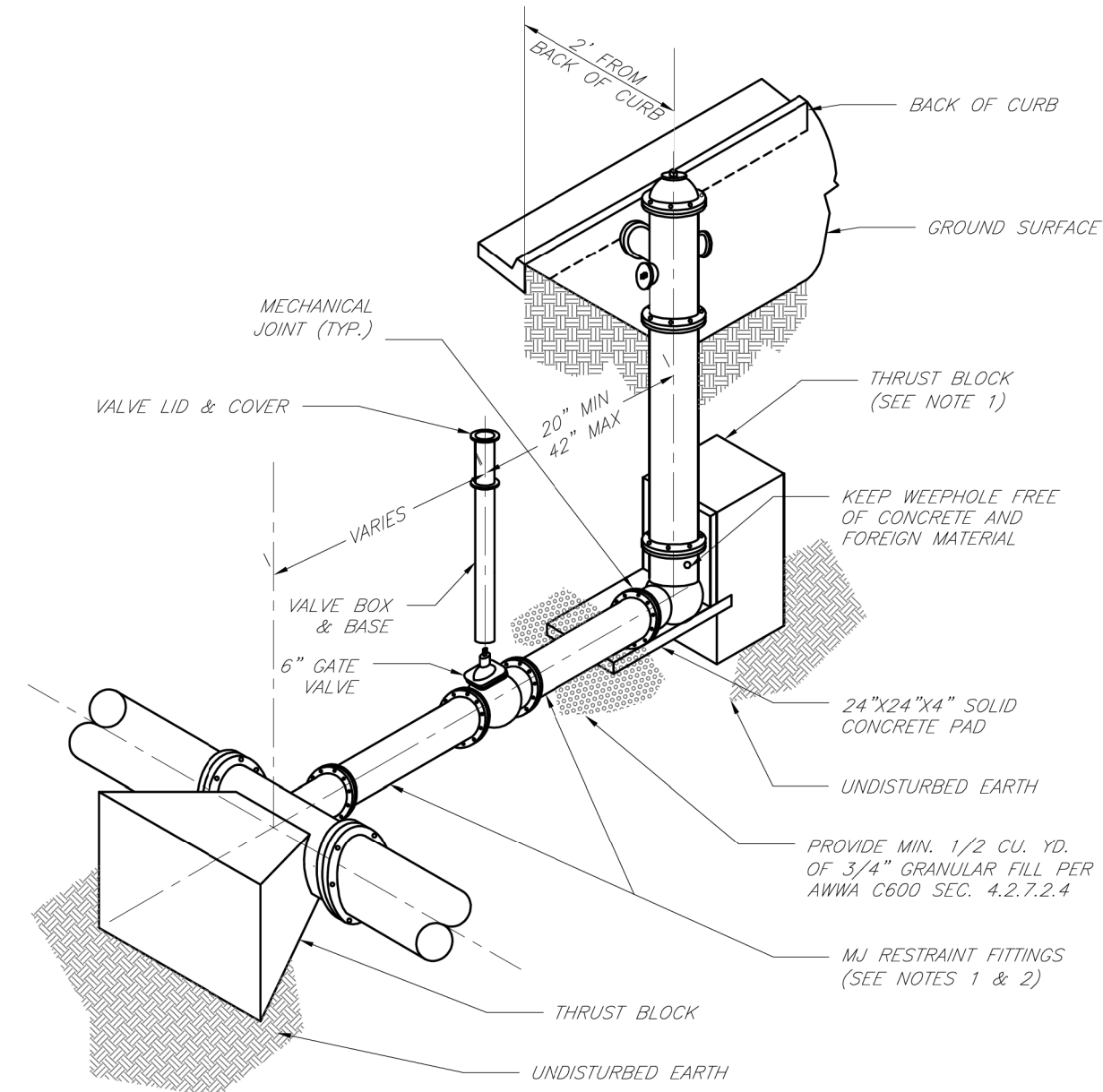
NOTES:

1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
3. BEARING MUST BE AGAINST UNDISTURBED SOIL.
4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.



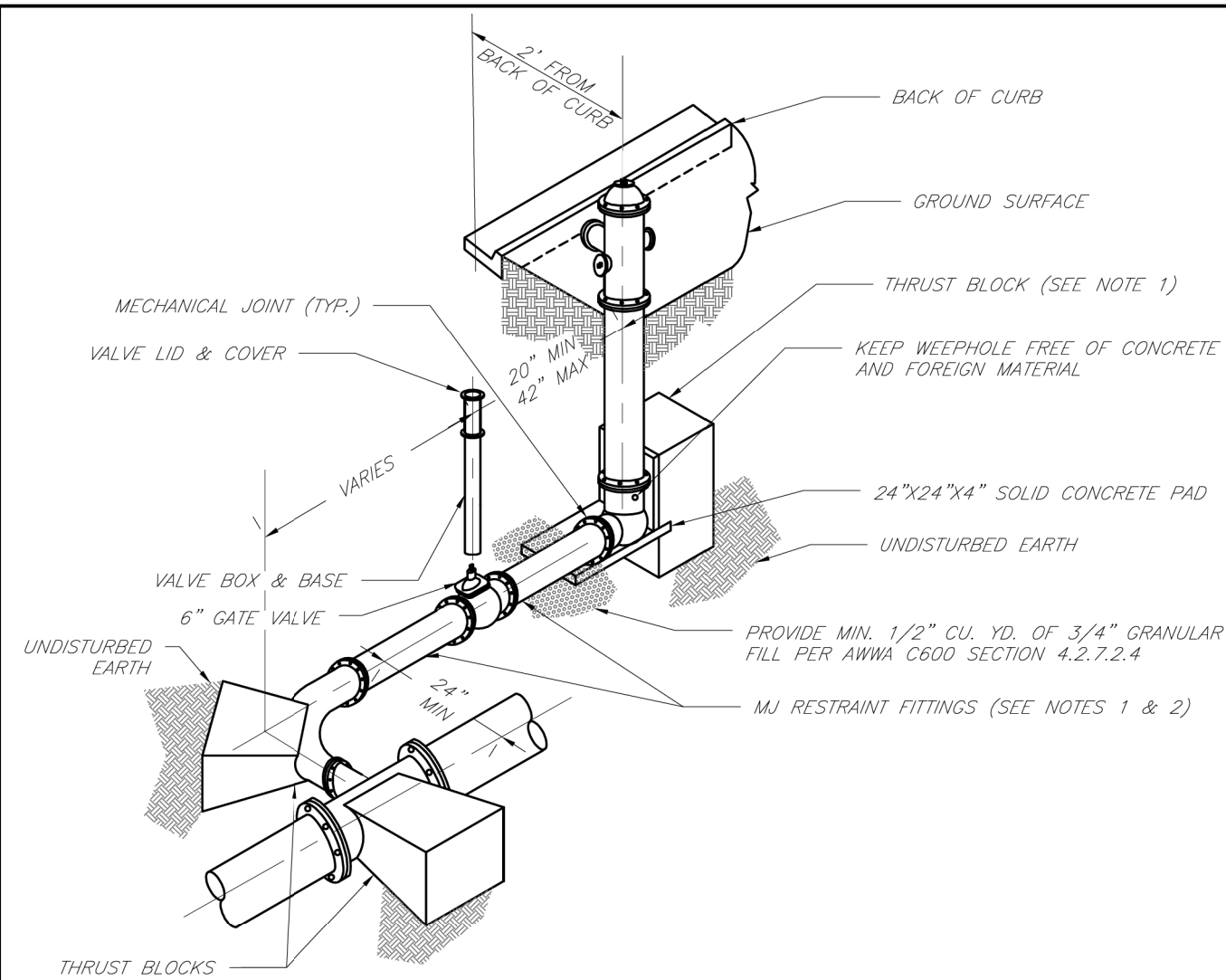
NOTES:

1. FLOWABLE FILL SHALL MEET THE REQUIREMENTS OF THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL.
2. REGULAR BACKFILL ABOVE THE TRENCH CHECK SHALL BE FREE OF DEBRIS, ORGANIC MATTER, AND STONES > 6" IN ANY DIMENSION.
3. TOP OF FLOWABLE BACKFILL SHALL EXTEND 12" ABOVE THE TOP OF THE PIPE.
4. LENGTH OF TRENCH CHECK SHALL BE A MINIMUM OF 12'.



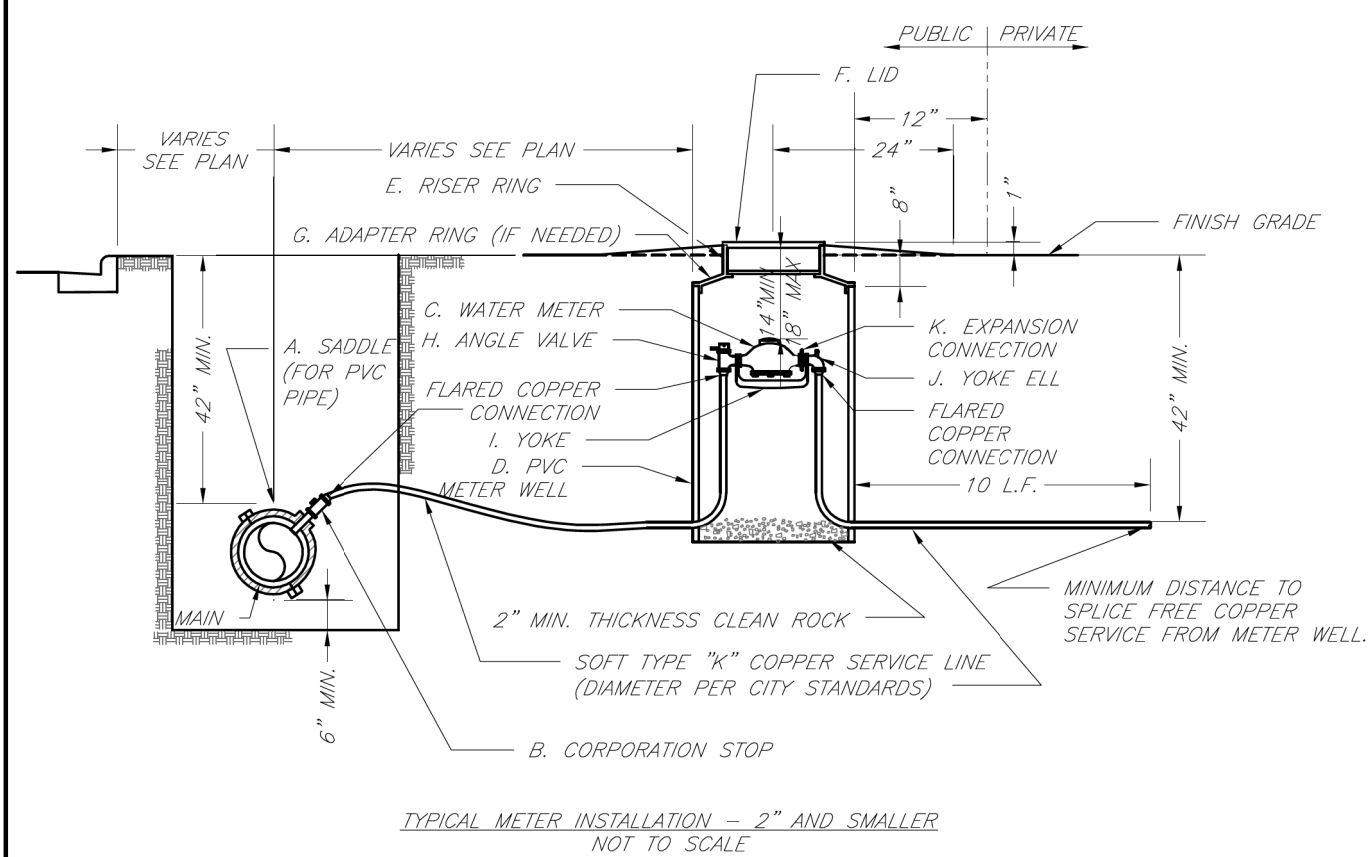
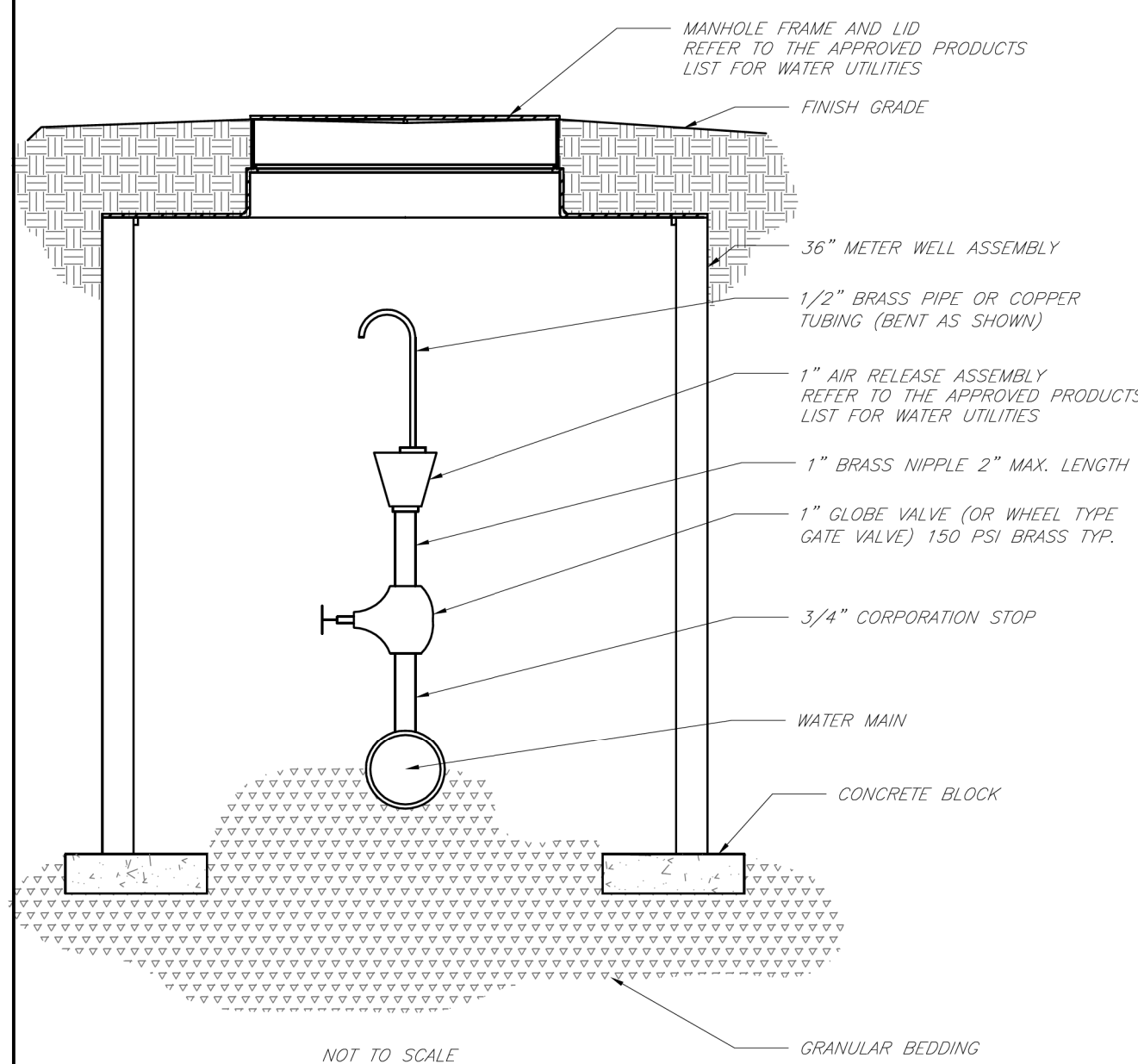
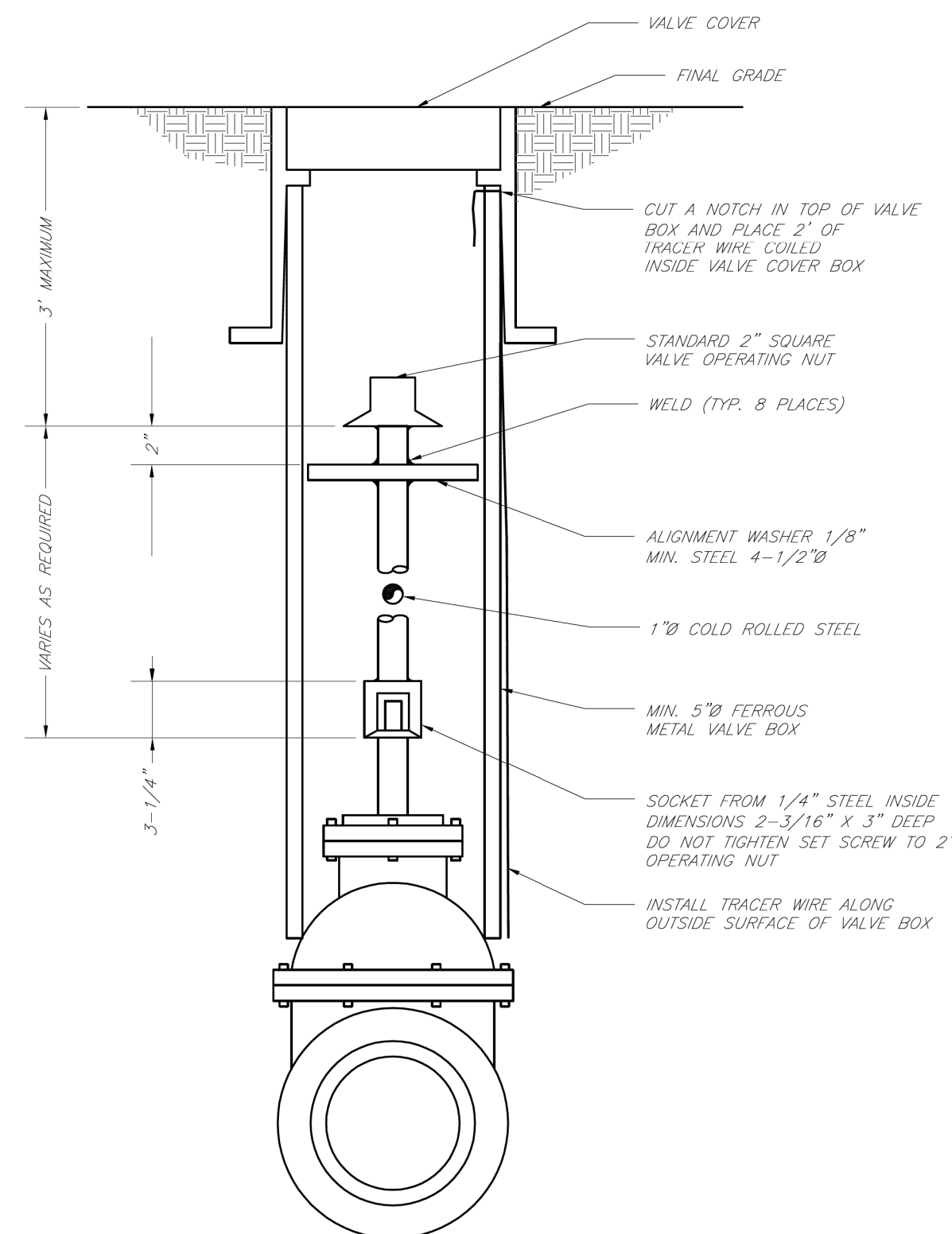
NOTES:

1. WHEN RETAINER GLANDS ARE USED IN LIEU OF MECHANICAL JOINT (MJ) RESTRAINT FITTINGS, HORIZONTAL THRUST BLOCKS ARE REQUIRED.
2. GATE VALVE MAY BE BOLTED DIRECTLY TO MJ RESTRAINT TEE.
3. UNDRERMINED PRODUCTS MUST BE USED FOR WATER LINES FOR FIRE HYDRANT, VALVES, VALVE BOX LID, AND COVER.
4. BOTTOM OF HYDRANT FLANGE SHALL BE 2" TO 6" ABOVE FINISHED GRADE.
5. FOR STREETS WITHOUT CURBS FIRE HYDRANT SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE, BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN BOTTOM OF DITCH.
6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.



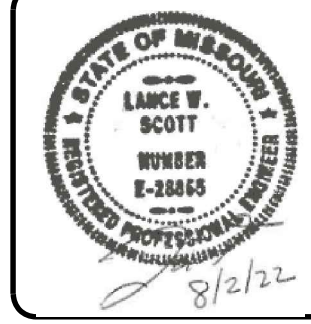
NOTES:

1. WHEN RETAINER GLANDS ARE USED IN LIEU OF MECHANICAL JOINT (MJ) RESTRAINT FITTINGS, HORIZONTAL THRUST BOLDS ARE REQUIRED.
2. GATE VALVE MAY BE BOLTED DIRECTLY TO MJ RESTRAINT TEE.
3. ALL VALVES AND PRODUCED LIFT FOR FIRE HYDRANT, VALVES, VALVE BOX LID, AND COVER.
4. BURNER HYDRANT FLANGE SHALL BE 3" TO 6" ABOVE FINISHED GRADE.
5. FOR STREETS WITHOUT CURBS FIRE HYDRANT SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE, BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN BOTTOM OF DITCH.
6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.



NOTES:

1. METER INSTALLATION SHALL NOT BE LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC OR IN CONCRETE PAVEMENT WITHOUT CITY APPROVAL.
2. 1 METER IS TO BE LOCATED OTHER THAN IN FRONT OF PROPERTY LINE, CITY APPROVAL SHALL BE OBTAINED.
3. CITY FURNISH ITEMS A-K.
4. NO OTHER EQUIPMENT SHALL BE INSTALLED IN THIS PIT.
5. 45" MINIMUM RISE/DEPTH FOR ALL SERVICE LINES.
6. EXCAVATION FOR TAP TO EXPOSE 4 LINEAR FEET OF MAIN.
7. NO SPACES ALLOWED BETWEEN METER AND MAIN.
8. SERVICE CONNECTION TAP AT APPROXIMATELY 45 DEGREES.
9. MAIN AND RISE/PIPE SHALL BE SET SO THAT GROUND WATER WILL DRAIN AWAY FROM THE WELL.
10. CONTACT WATER UTILITIES, 816-896-1900, FOR REQUIREMENTS OF A METER LARGER THAN 2".

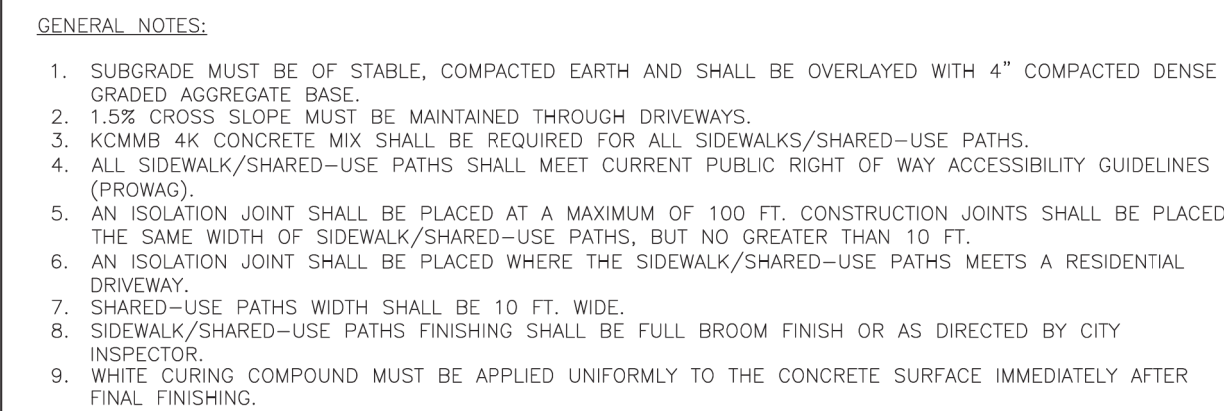


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		REVISED PER COMMENTS	04/27/22	
		REVISED PER COMMENTS	04/27/22	
		REVISED PER COMMENTS	08/02/22	

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri		Designed by: RP	Date: 03-25-2015	Rev.: -
		Own by: RP	Ckd by: LWS	Reviewed by: ---
		Submitted by: ---		Plot scale: 1/4" = 1'-0"
Construction Drawings File name: 2/50565-ST-SH-CD Details-1.ctb Plot date: 8/12/2022 3:32:59 PM				

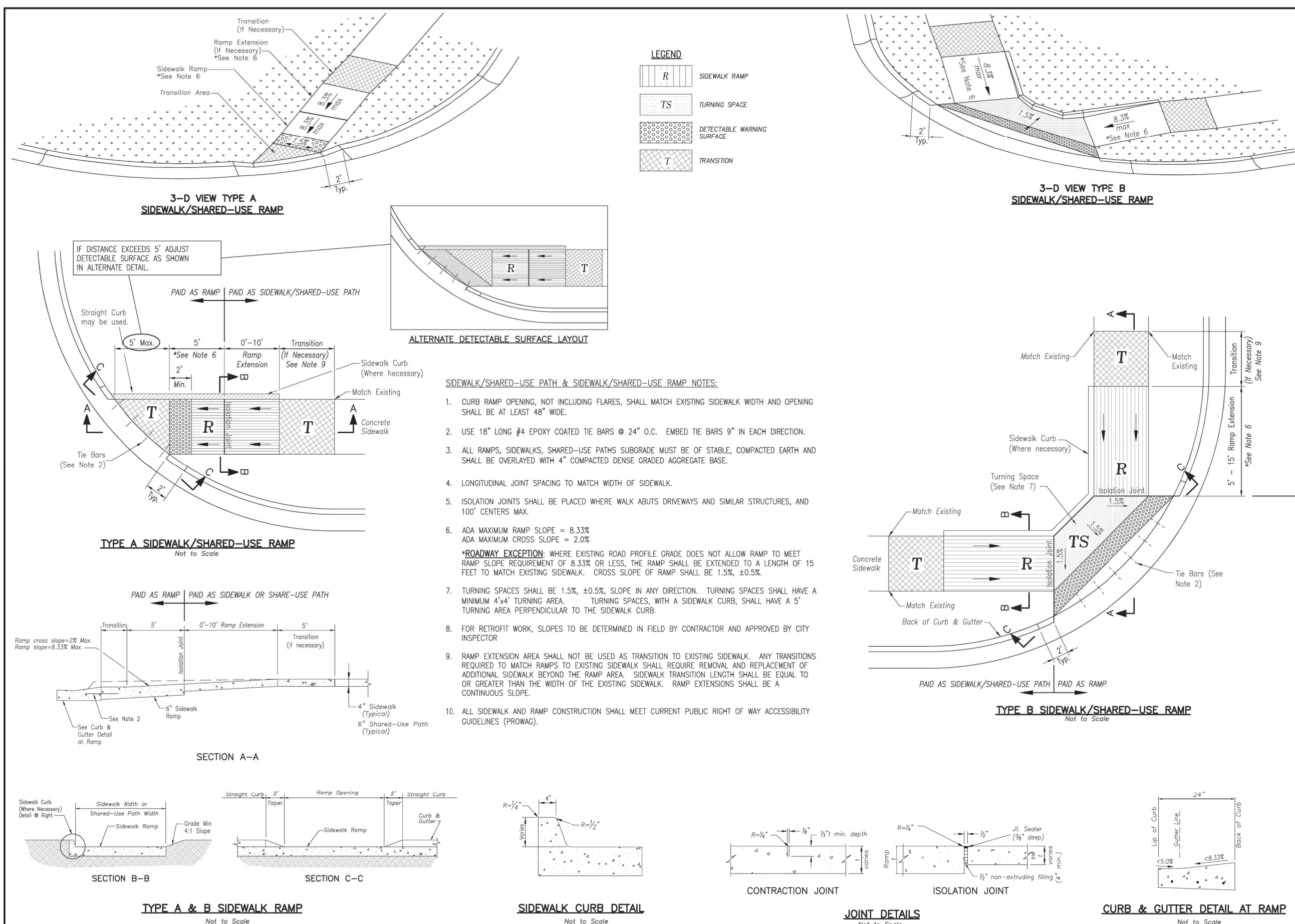
WATER DETAILS

C605



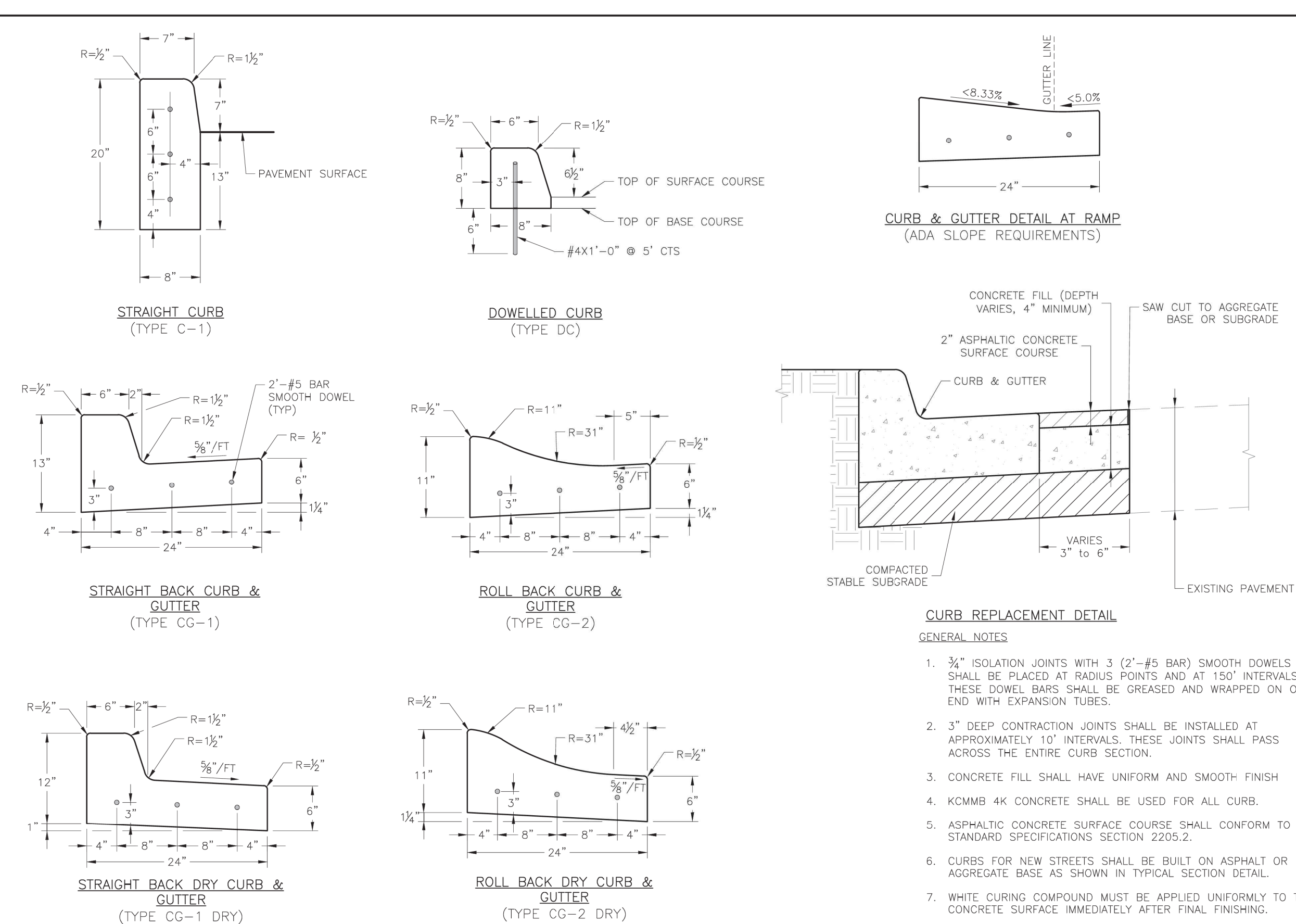
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	SIDEWALK/SHARED-USE PATH DETAIL

Date: 05/2021
Drawn By: MJF
Checked By: DL

**LS LEE'S SUMMIT**
MISSOURISTANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
SUMMIT, JACKSON COUNTY

Drawn By: MIF
Checked By: DL
Date: 06/2021
Proj. #:

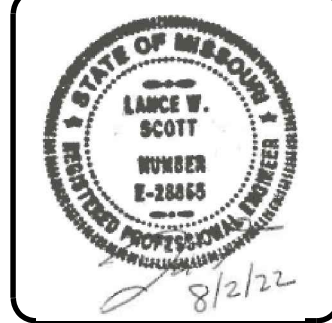
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LS
LEE'S SUMMIT
MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
SUMMIT, JACKSON COUNTY, MO

Drawn By: MB
Checked By: DL
Date: 05/2021
Proj. #:

GEN-4

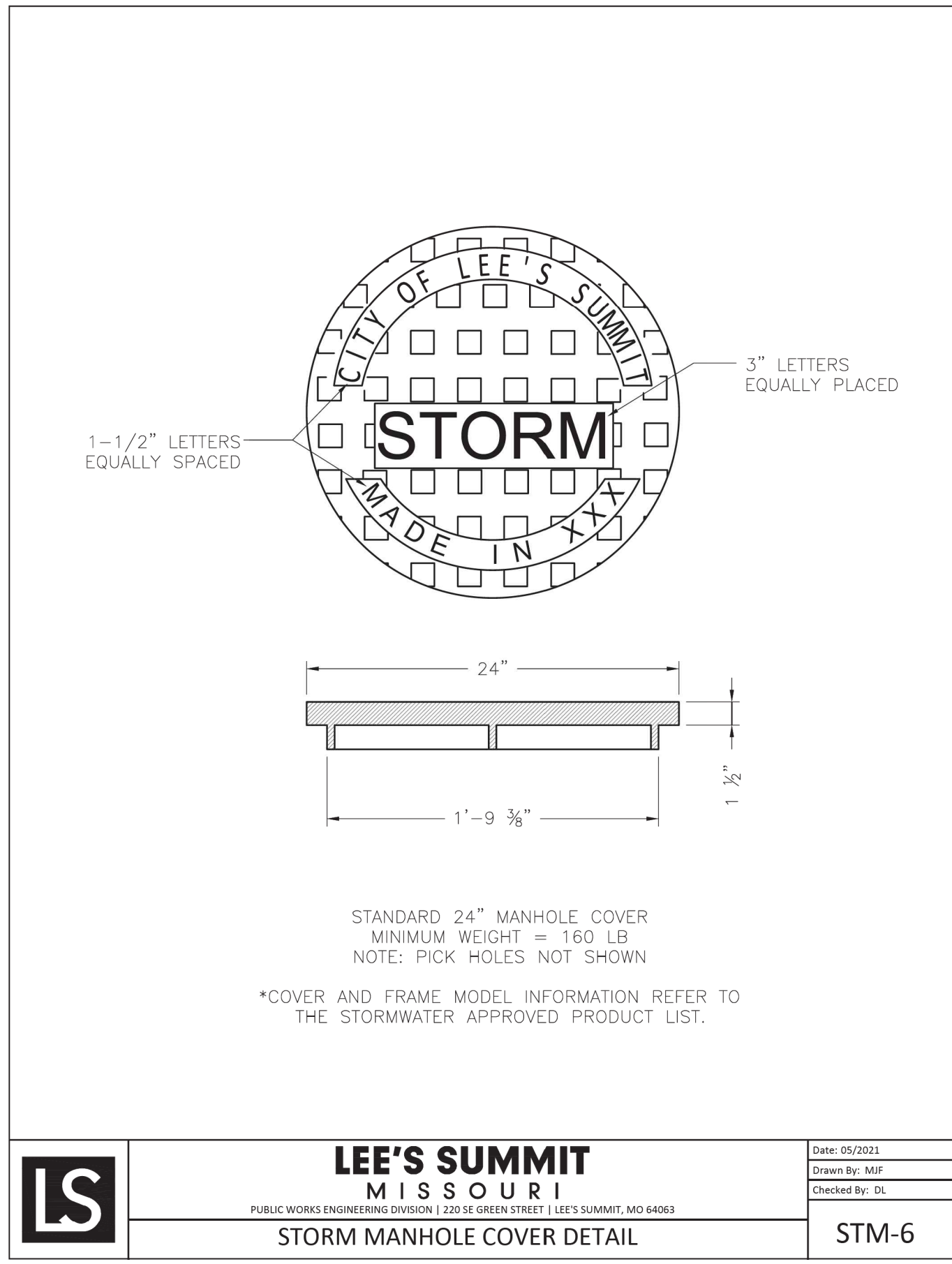
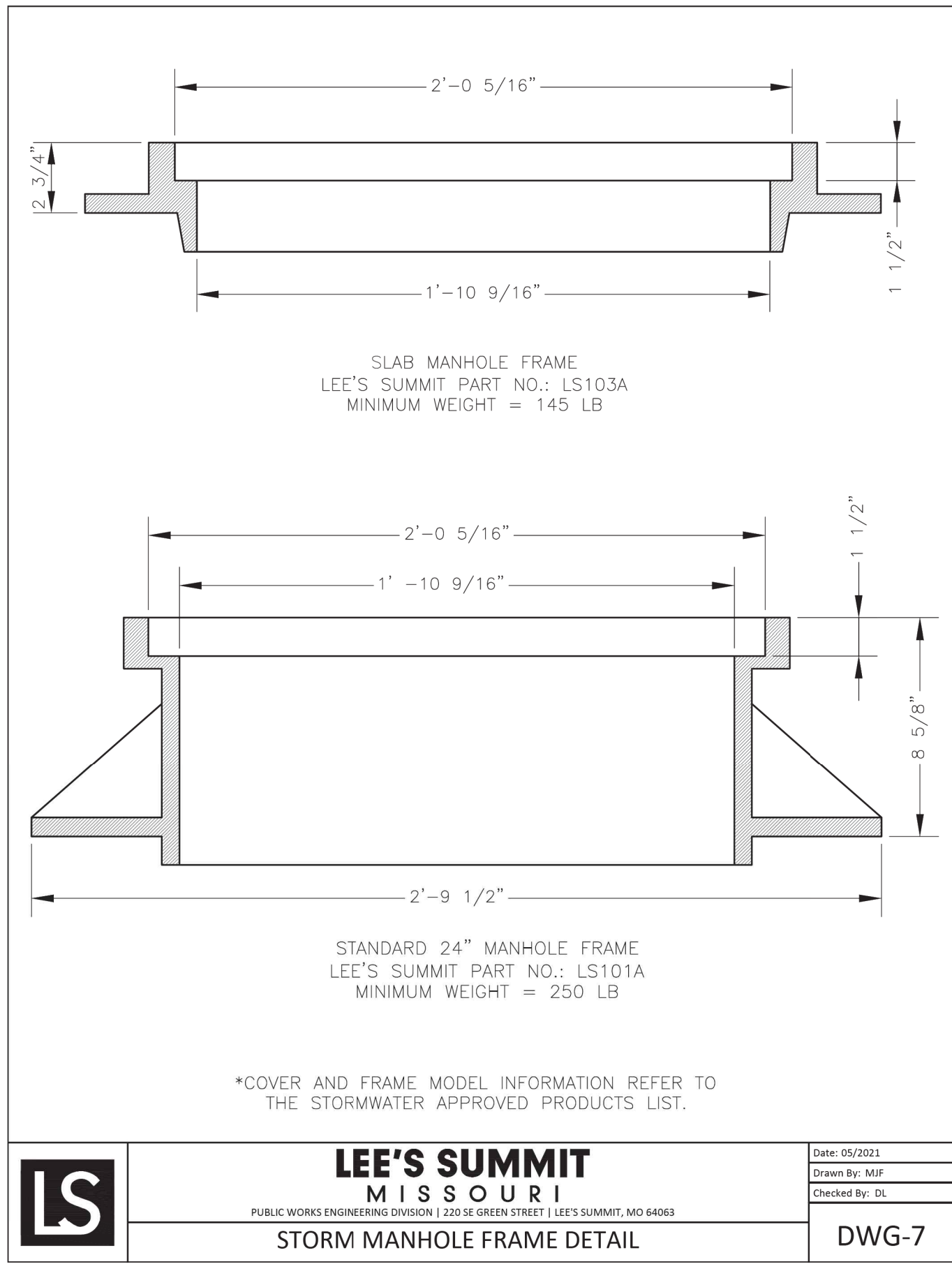
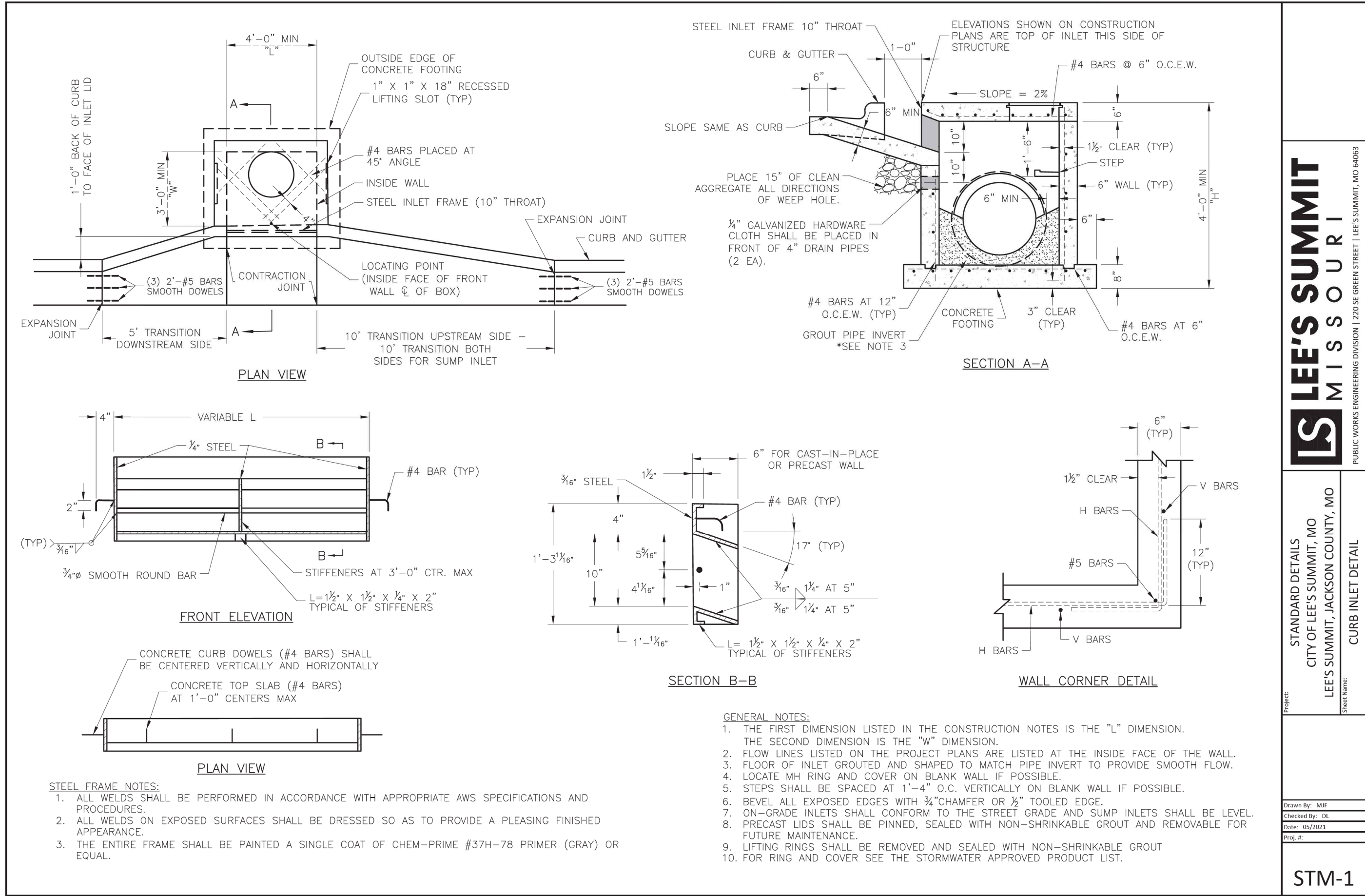


Mark	Description	Date	Appr.
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	REVISED PER COMMENTS	04/27/22	
	REVISED PER COMMENTS	04/27/22	
	REVISED PER COMMENTS	08/02/22	

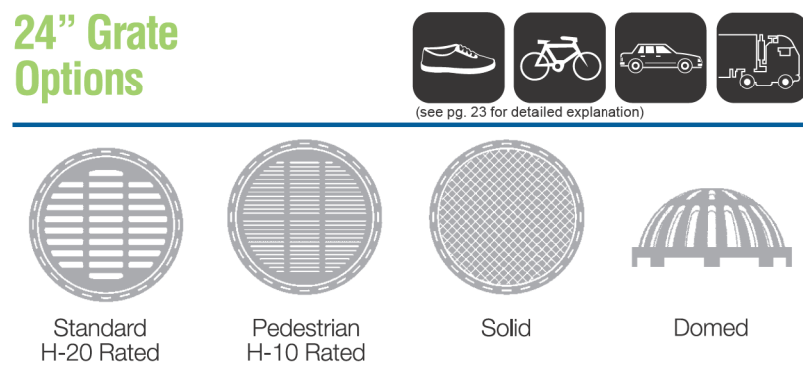
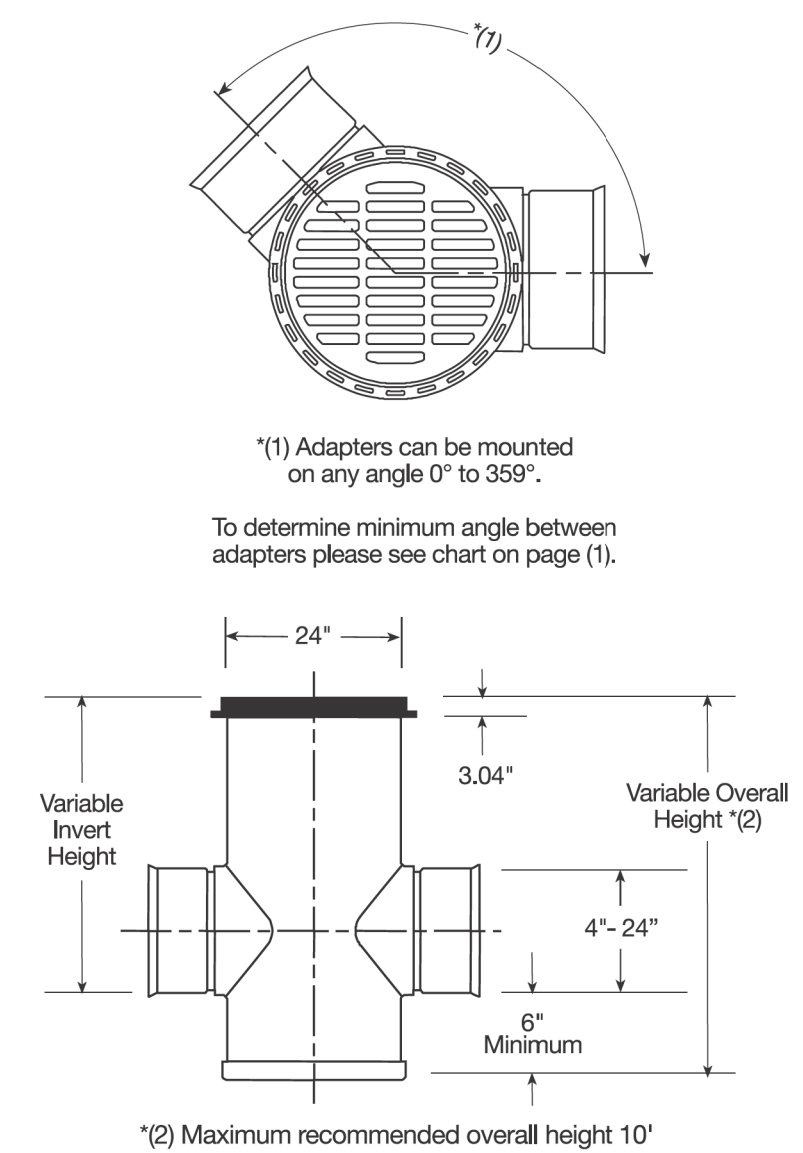
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	Drawn by:	03-25-2015	-
	Qcd by:	Reviewed by:	
	LWS	---	
Submitted by:	Plot scale:		
---	1/40		
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CURB AND RAMP DETAILS

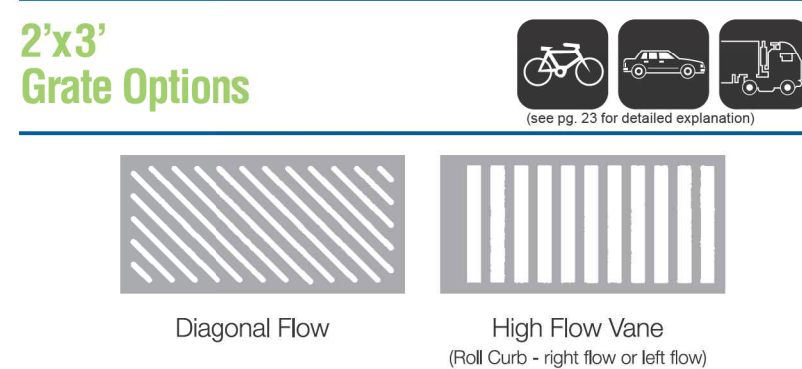
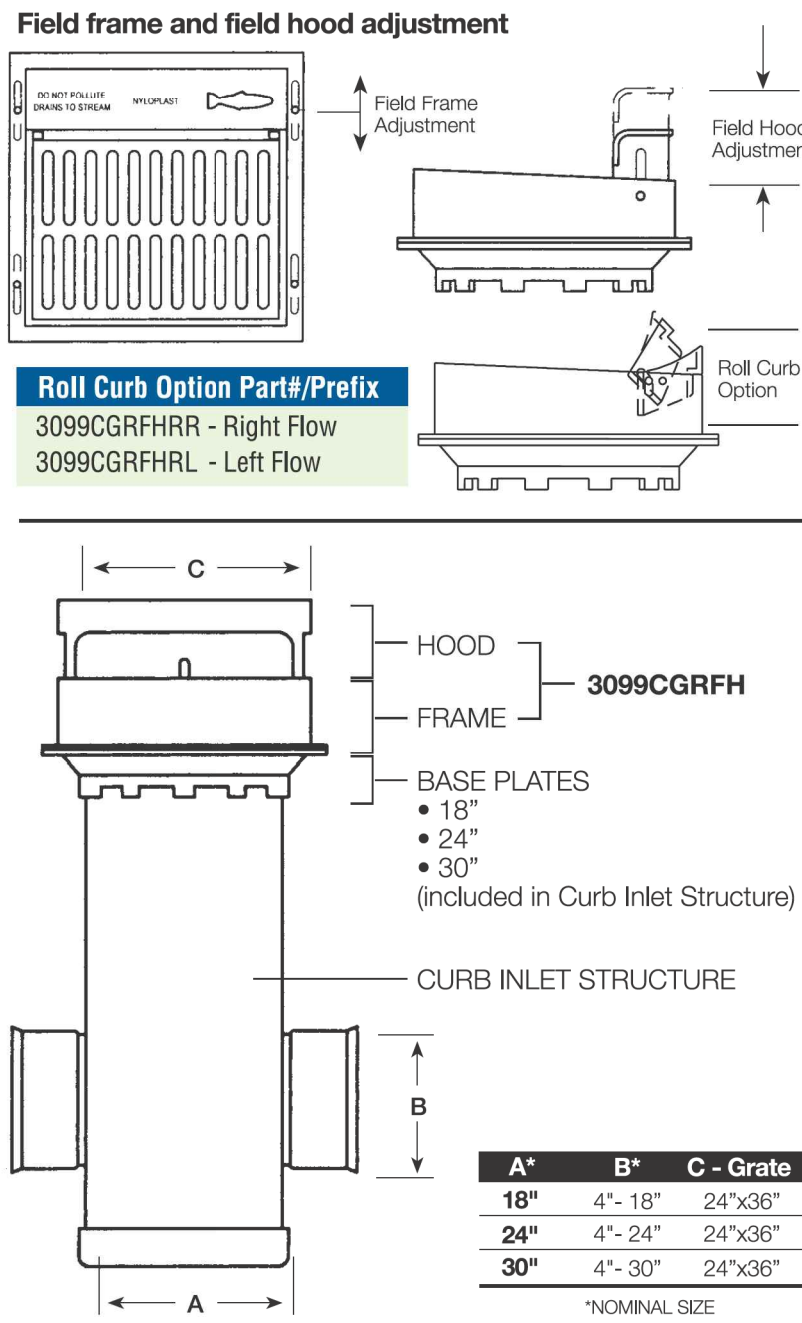
Sheet
reference
number:
C606



Part#/Prefix	Product Description	Available Outlets
2824AG_X	24" Custom Basin	4" thru 24"



See chart on page (14) for 2'x3' Curb Inlet part numbers



Grate Options

for Inline Drains & Drain Basins

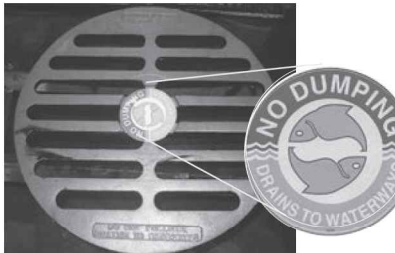
Grate Markers

Public education and outreach is part of the NPDES requirement. Storm drain marking is an established method of involving the public and increasing community awareness about non-point source pollution.

Many Nyloplast castings come with a recessed area on the grate designed to accommodate these grate markers.

Nyloplast keeps inventory of only the featured marker shown below, however, other markers may be purchased in 100 piece lots as custom orders.

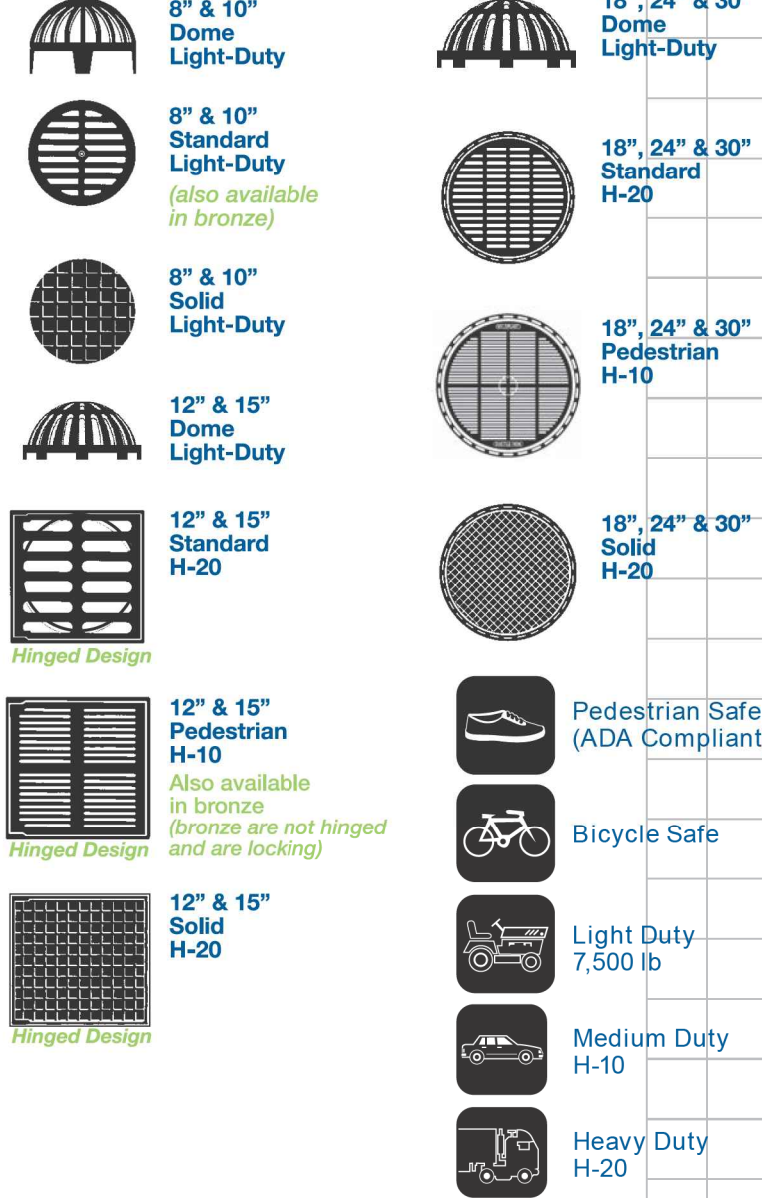
Call for details.



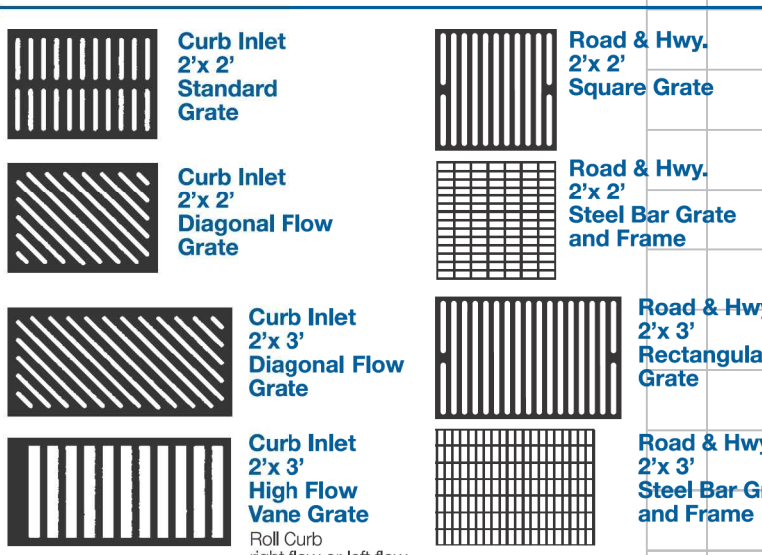
Grate Riser Extensions

Extension rings can be used to quickly raise the grade of existing grates when resurfacing is required. Nyloplast extension rings are only to be used with Nyloplast ductile iron castings.

Size	Part #
18" Round with 2.0" Rise	1899GGER200
24" Round with 2.0" Rise	2499GGER200
30" Round with 2.0" Rise	3099GGER200
18" Round with 1.5" Rise	1899GGER150
24" Round with 1.5" Rise	2499GGER150
30" Round with 1.5" Rise	3099GGER150
Road & Highway	
2' x 2' with 2.0" Rise	3299GGSER200
2' x 3' with 2.0" Rise	3299GGSER200



Curb Inlet and Road & Highway Grates



SHOP DRAWINGS:

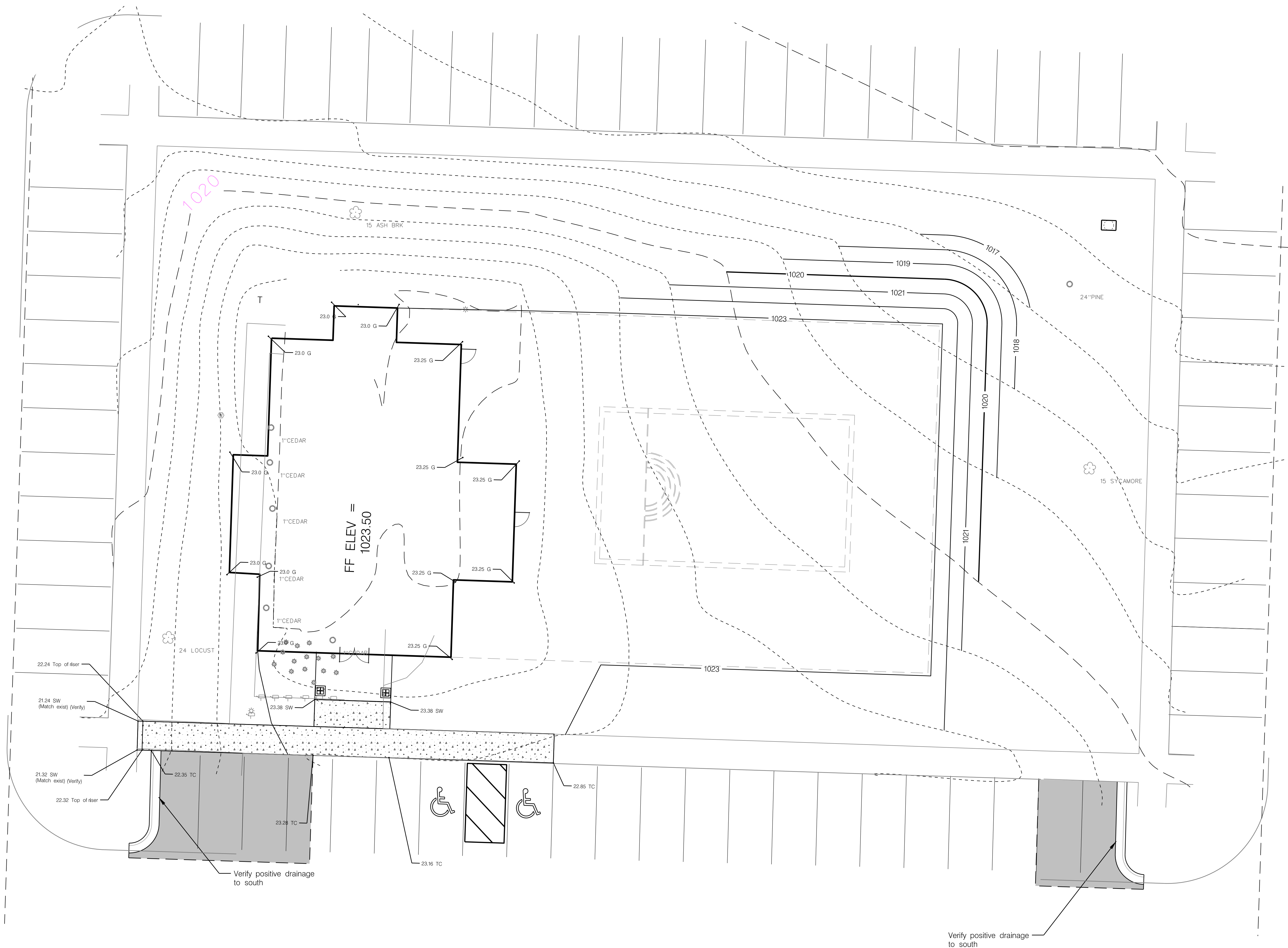
THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES FOR REVIEW BY THE ENGINEER AND THE CITY PRIOR TO FABRICATION OF ANY DRAINAGE STRUCTURES.

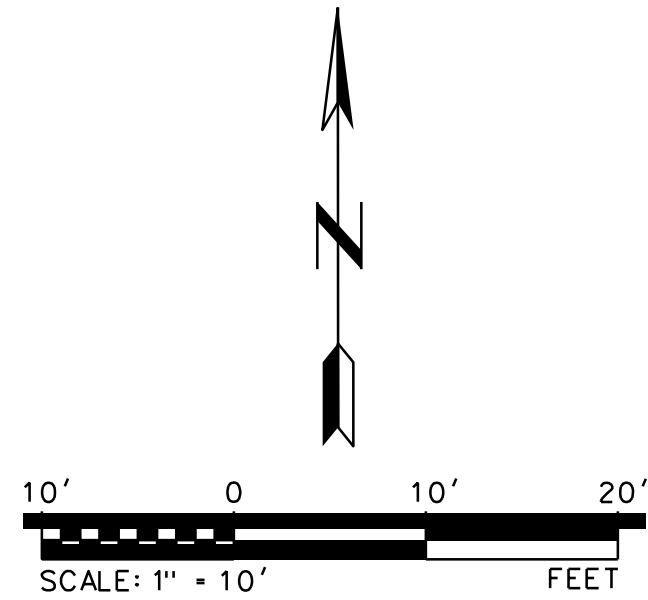
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Drawn by:	Reviewed by:	
LWS	---	
Submitted by:	Plot scale:	
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Plot date: 8/12/2022		
3/25x21" PL		

SUMMIT POINT 504 NE Chipman Road Lee's Summit, Missouri	Construction Drawings
--	-----------------------

DRAINAGE DETAILS

Sheet reference number:
C607





C702