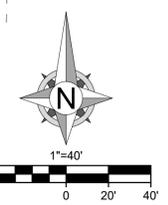
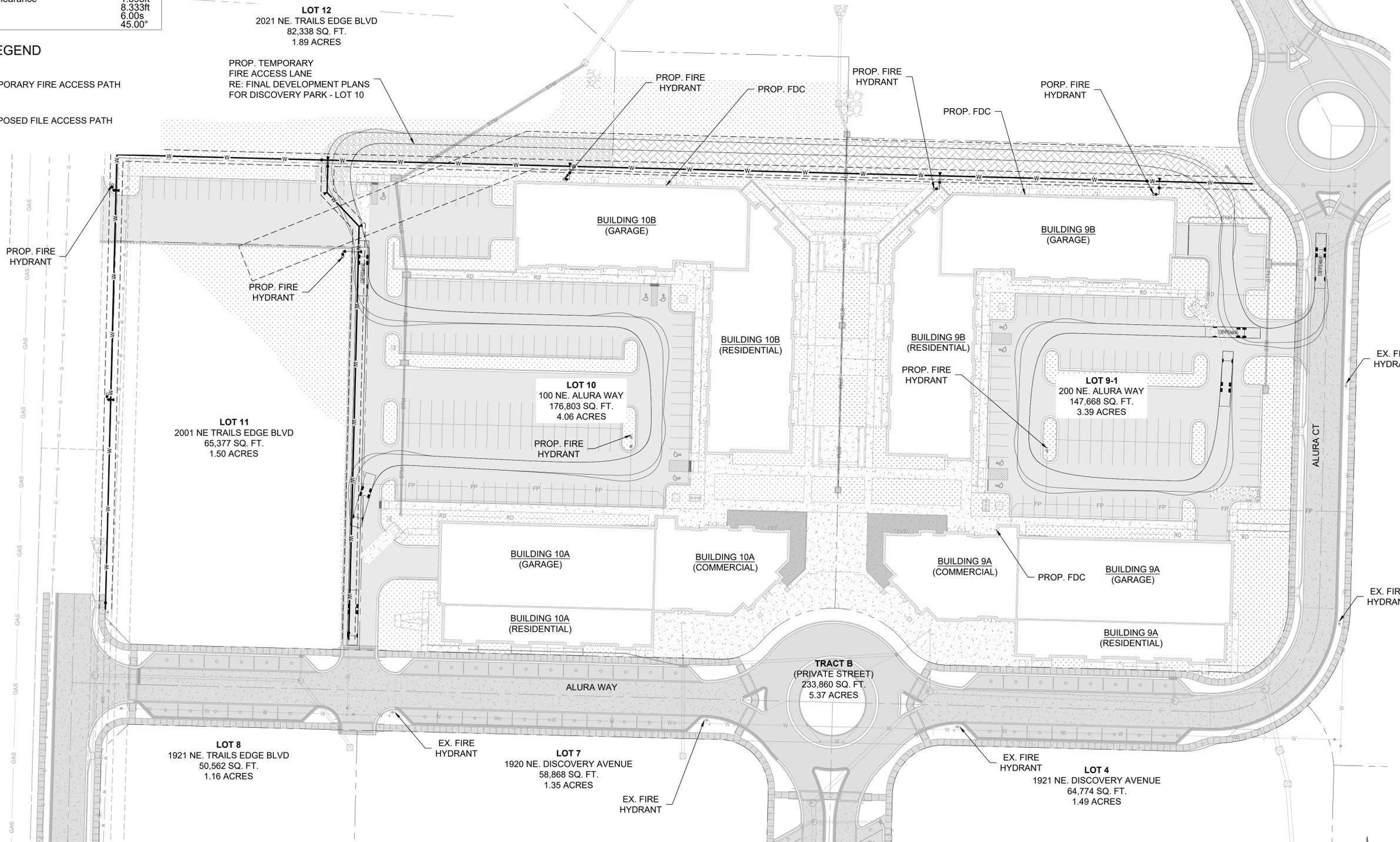
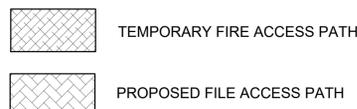


LEGEND



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**DISCOVERY PARK
 THE VILLAGE - LOT 9-1**

200 NE ALURA WAY
 LEE'S SUMMIT, MO 64086

LOT 9-1 - THE VILLAGE AT
 DISCOVERY PARK
 NW COLBERN RD & NE DOUGLAS ST

REVISIONS

NO.	DESCRIPTION	DATE
1	INITIAL SUBMISSION	04/19/2024
2	PER CITY COMMENTS	10/10/24

DRAWING INFORMATION

PROJECT NO: 24KC10006
 DRAWN BY: JGD
 CHECK BY: JWB
 ISSUED DATE: 10/10/2024
 FIELD BOOK:

ISSUED BY:
 LICENSE NO:

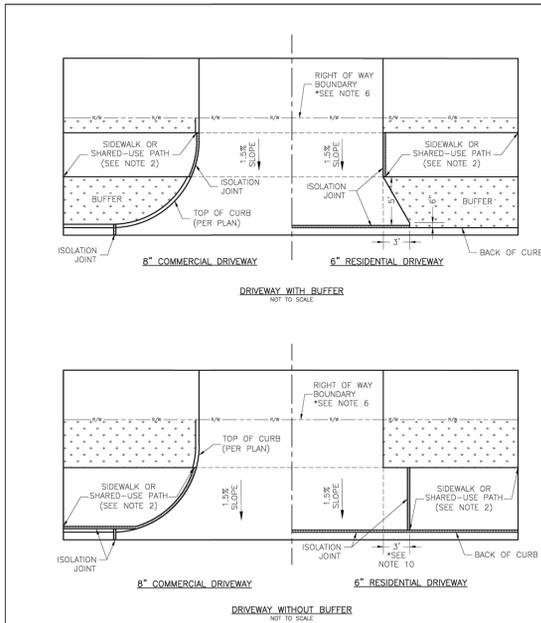
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SHEET TITLE

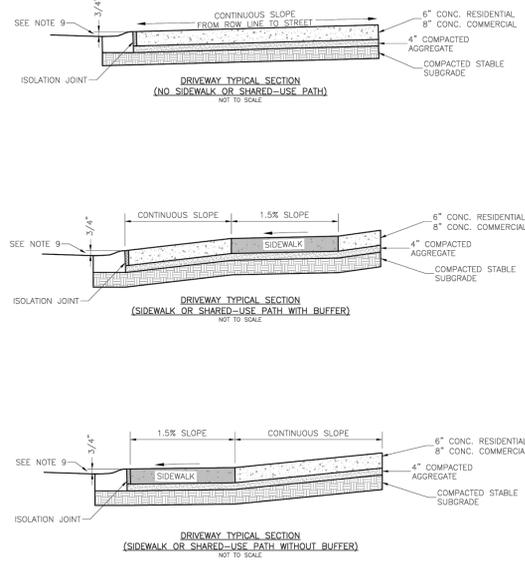
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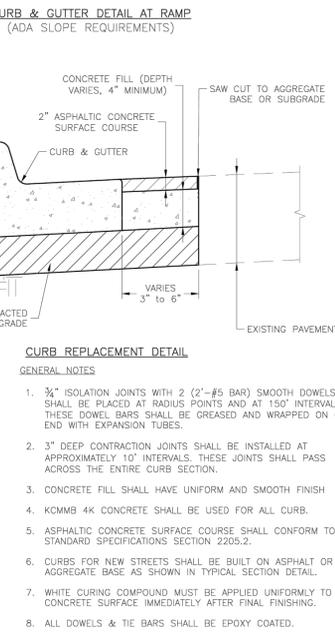
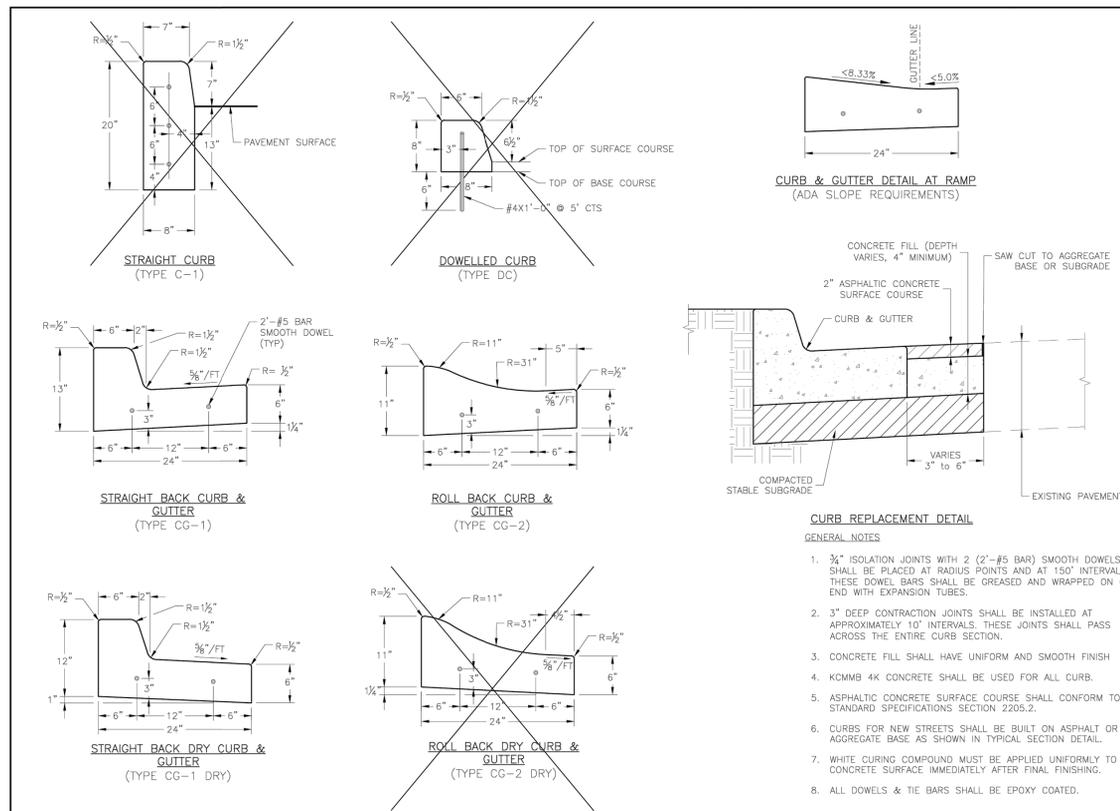
C203
 7 OF 25



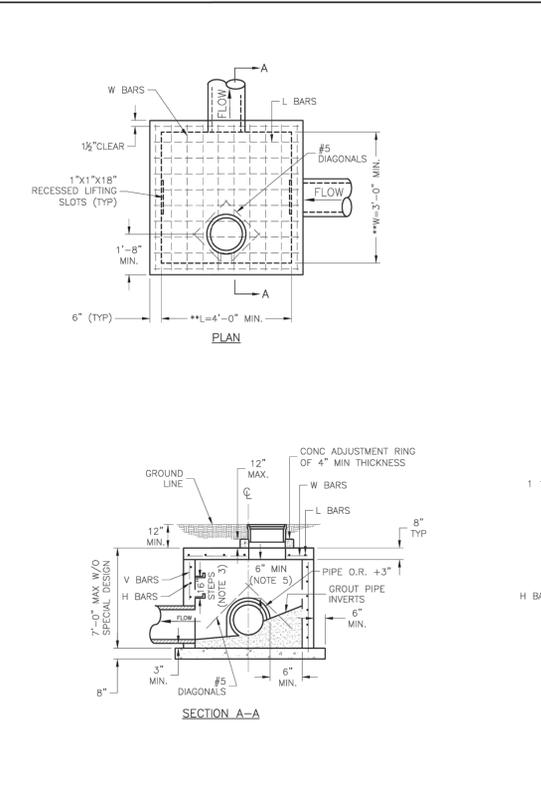
- GENERAL NOTES**
- SUBGRADE SHALL BE STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4\"/>
 - ALL DRIVE APPROACHES SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROVING) FOR SLOPE REQUIREMENTS WHEN SIDEWALK IS REQUIRED (SEE ADA RAMP RETROFIT DETAIL GEN-3B, SIDEWALK/SHARED USE PATH RAMP AT DRIVEWAY DETAIL).
 - JOINT AT BACK OF CURB LINE SHALL BE AN ISOLATION JOINT FOR RESIDENTIAL DRIVEWAYS.
 - KCMBM 4K CONCRETE MIX IS REQUIRED FOR ALL CURBS.
 - COMMERCIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, SHALL BE KCMBM 4K CONCRETE MIX.
 - RESIDENTIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, KCMBM 4K CONCRETE MIX IS RECOMMENDED, OTHER CONCRETE MIXES NEED TO BE APPROVED BY CITY INSPECTOR.
 - A JOINT MUST BE INSTALLED AT THE RIGHT OF WAY BOUNDARY FOR PROPERTY DELINEATION.
 - WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
 - 3\"/>
 - SIDEWALK ADJOINING CURB SHALL BE 6\"/>
 - THE MAXIMUM WIDTH OF A RESIDENTIAL DRIVEWAY IS 36 FEET WITHIN THE RIGHT OF WAY.



LEE'S SUMMIT MISSOURI
 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 GEN-1

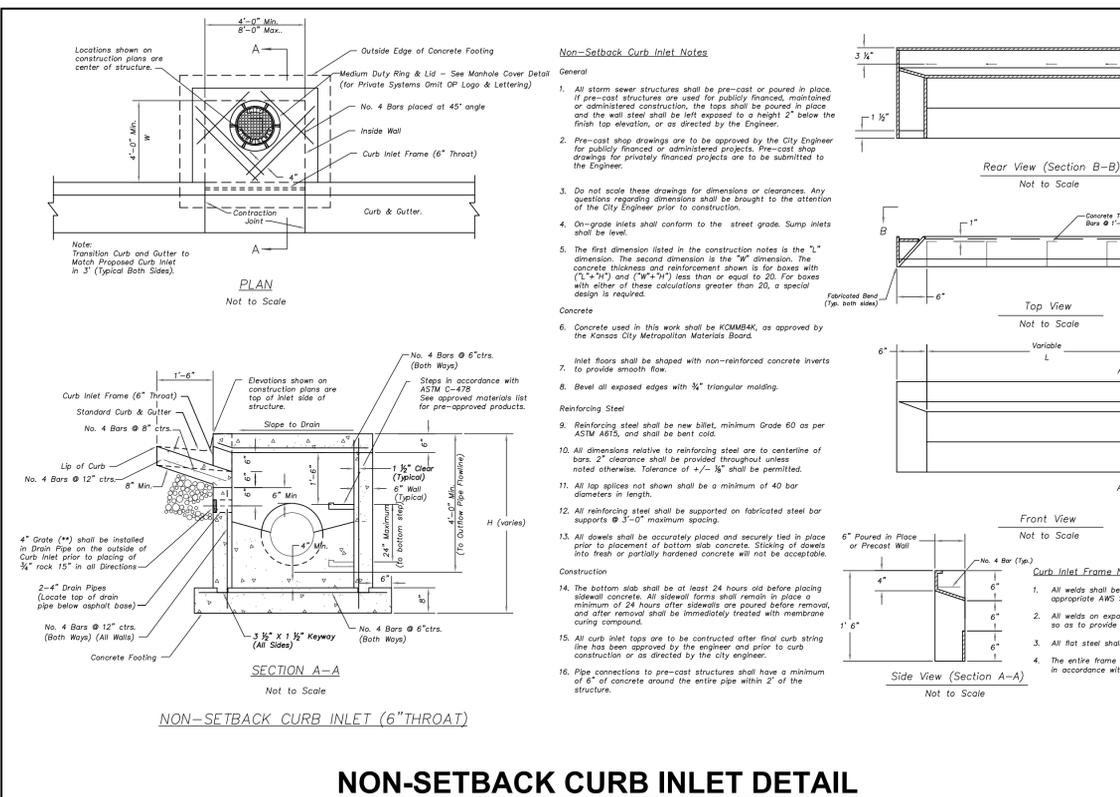


LEE'S SUMMIT MISSOURI
 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 GEN-4



- REINFORCING**
- | BAR | BAR SIZE | SPACING (IN.) |
|-----|----------|---------------|
| H | 4 | 12 |
| V | 4 | 12 |
| L | 5 | 6 |
| W | 5 | 6 |
- GENERAL NOTES:**
- LOCATE RING AND COVER ON BLANK WALL.
 - USE 3/4\"/>
 - STEPS REQUIRED AT 16\"/>
 - BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE, AND THE MINIMUM DISTANCE BETWEEN BOXOUTS IS 6\"/>
 - THE MINIMUM REINFORCING SHALL BE 1 H-BAR OVER A CAST-IN-PLACE PIPE AND 2 H-BARS OVER A PRECAST BOXOUT.
 - PRECAST LIDS SHALL BE PINNED, SEALED WITH NON-SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
 - REINFORCING OF COVERS IN STREETS REQUIRE SPECIAL DESIGN.
 - FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.

LEE'S SUMMIT MISSOURI
 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 STM-3



- Non-Setback Curb Inlet Notes**
- General**
- All storm sewer structures shall be pre-cast or poured in place. If pre-cast structures are used for publicly financed, maintained or administered construction, the tops shall be poured in place and the wall steel shall be left exposed to a height 2\"/>
 - Pre-cast shop drawings are to be approved by the City Engineer for publicly financed or administered projects. Pre-cast shop drawings for privately financed projects are to be submitted to the Engineer.
 - Do not scale these drawings for dimensions or clearances. Any questions regarding dimensions shall be brought to the attention of the City Engineer prior to construction.
 - On-grade inlets shall conform to the street grade. Sump inlets shall be level.
 - The first dimension listed in the construction notes is the "L" dimension. The second dimension is the "W" dimension. The concrete thickness and reinforcement shown is for boxes with ("L" > "W") and ("W" > "L") less than or equal to 20. For boxes with either of these calculations greater than 20, a special design is required.
 - Concrete used in this work shall be KCMBM4K, as approved by the Kansas City Metropolitan Materials Board.
 - Inlet floors shall be shaped with non-reinforced concrete inverts to provide smooth flow.
 - Bevel all exposed edges with 3/4\"/>
- Reinforcing Steel**
- Reinforcing steel shall be new billet, minimum Grade 60 as per ASTM A675, and shall be bent cold.
 - All dimensions relative to reinforcing steel are to centerline of bars. 2\"/>
 - All lap splices not shown shall be a minimum of 40 bar diameters in length.
 - All reinforcing steel shall be supported on fabricated steel bar supports @ 3'-0\"/>
 - All dowels shall be accurately placed and securely tied in place prior to placement of bottom slab concrete. Slacking of dowels into fresh or partially hardened concrete will not be acceptable.
- Construction**
- The bottom slab shall be at least 24 hours old before placing sidewalk concrete. All sidewalk forms shall remain in place a minimum of 24 hours after sidewalk is poured before removal, and after removal shall be immediately treated with membrane curing compound.
 - All curb inlet tops are to be constructed after final curb string line has been approved by the engineer and prior to curb construction or as directed by the city engineer.
 - Pipe connections to pre-cast structures shall have a minimum of 6\"/>

LEE'S SUMMIT MISSOURI
 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 GEN-4

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 LOT 9-1 - THE VILLAGE AT DISCOVERY PARK
 NW COLBERN RD & NE DOUGLAS ST

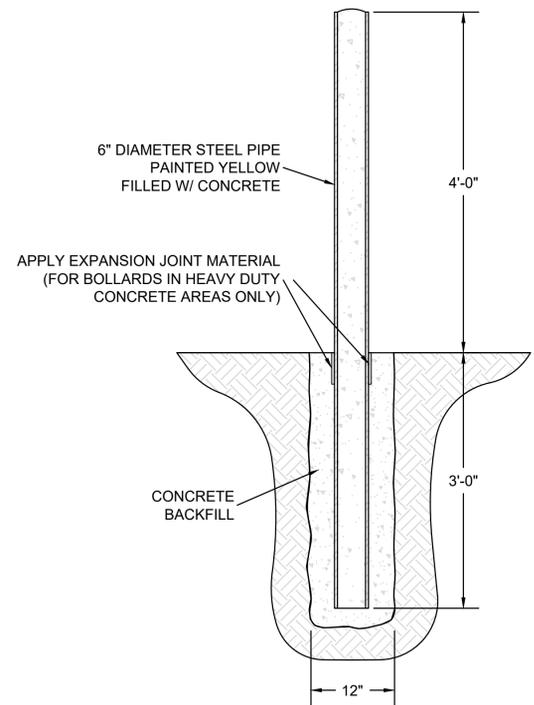
REVISIONS

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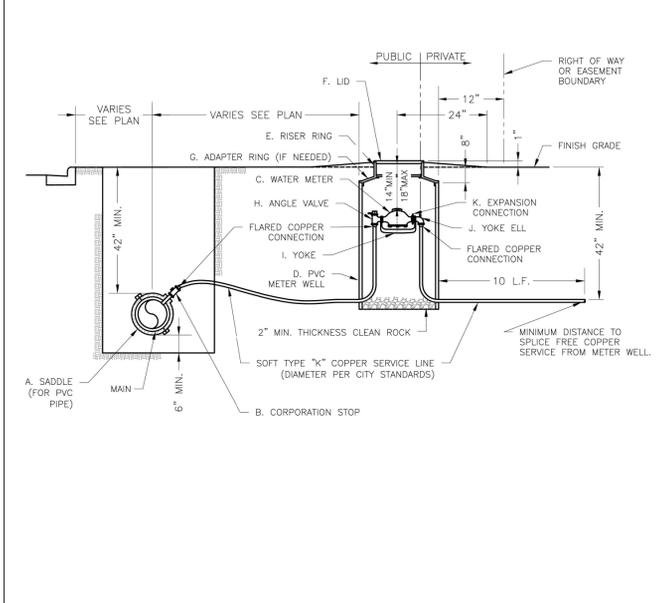
DRAWING INFORMATION
 PROJECT NO: 24KC10006
 DRAWN BY: JGD
 CHECK BY: JWB
 ISSUED DATE: 10/10/2024
 FIELD BOOK:
 ISSUED BY:
 LICENSE NO:
 A licensed Missouri Engineering Corporation COA# 00062

SHEET TITLE
DETAILS - 1

SHEET NUMBER
C600
 20 OF 25



011 STEEL/CONCRETE BOLLARD
C200 SCALE: NOT TO SCALE



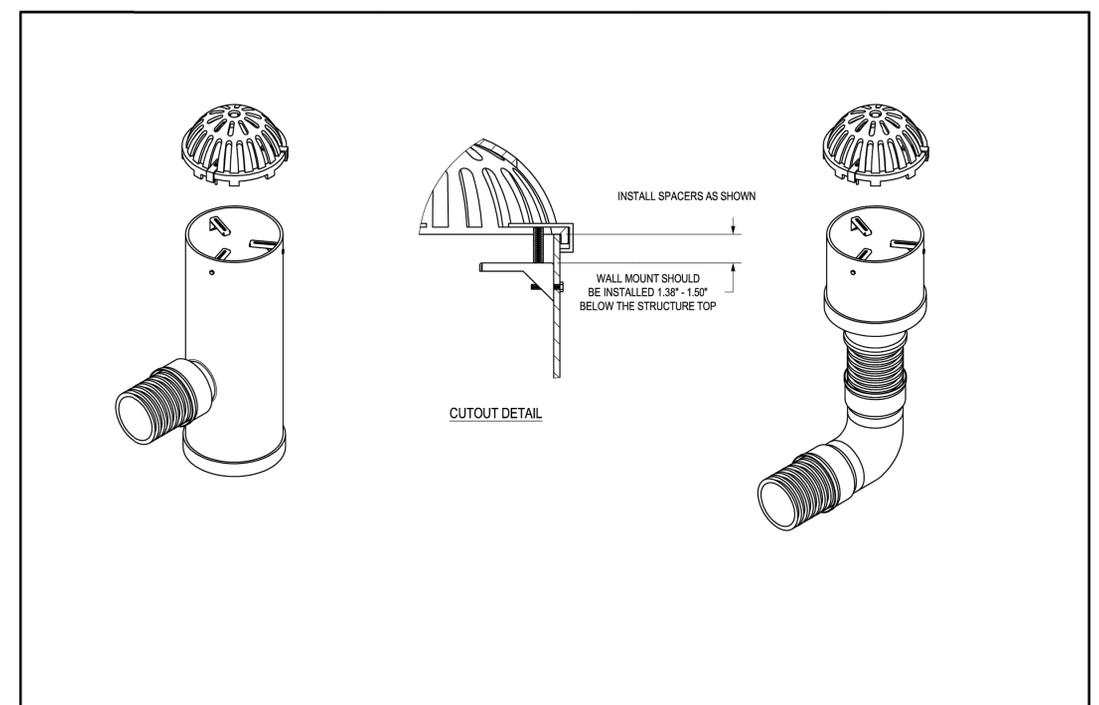
- NOTES:
- METER INSTALLATION SHALL NOT BE LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC OR IN CONCRETE PAVEMENT WITHOUT CITY APPROVAL.
 - IF METER IS TO BE LOCATED OTHER THAN IN FRONT OF PROPERTY LINE, CITY APPROVAL SHALL BE OBTAINED.
 - CITY TO FURNISH ITEMS A-K.
 - NO OTHER EQUIPMENT SHALL BE INSTALLED IN THIS PIT.
 - 42" MINIMUM BURY DEPTH FOR ALL SERVICE LINES.
 - EXCAVATION FOR TAP TO EXPOSE 4' LINEAR FEET OF MAIN.
 - NO SPLICES ALLOWED BETWEEN METER AND MAIN.
 - SERVICE CONNECTION TAP AT APPROXIMATELY 45 DEGREES.
 - LID AND RISER RING SHALL BE SET SO THAT GROUND WATER WILL DRAIN AWAY FROM THE WELL.
 - CONTACT WATER UTILITIES, 816-969-1900, FOR REQUIREMENTS OF A METER LARGER THAN 2"

LS **LEE'S SUMMIT MISSOURI**
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64083

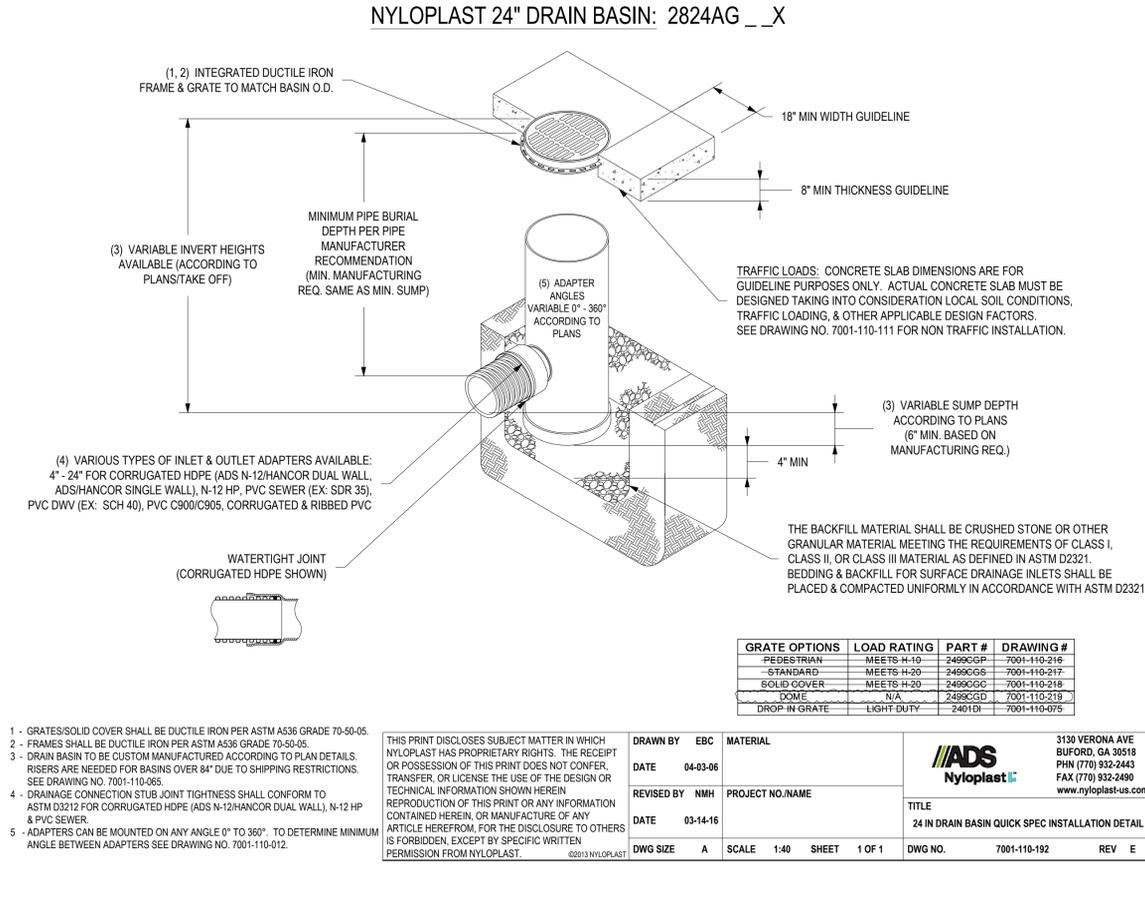
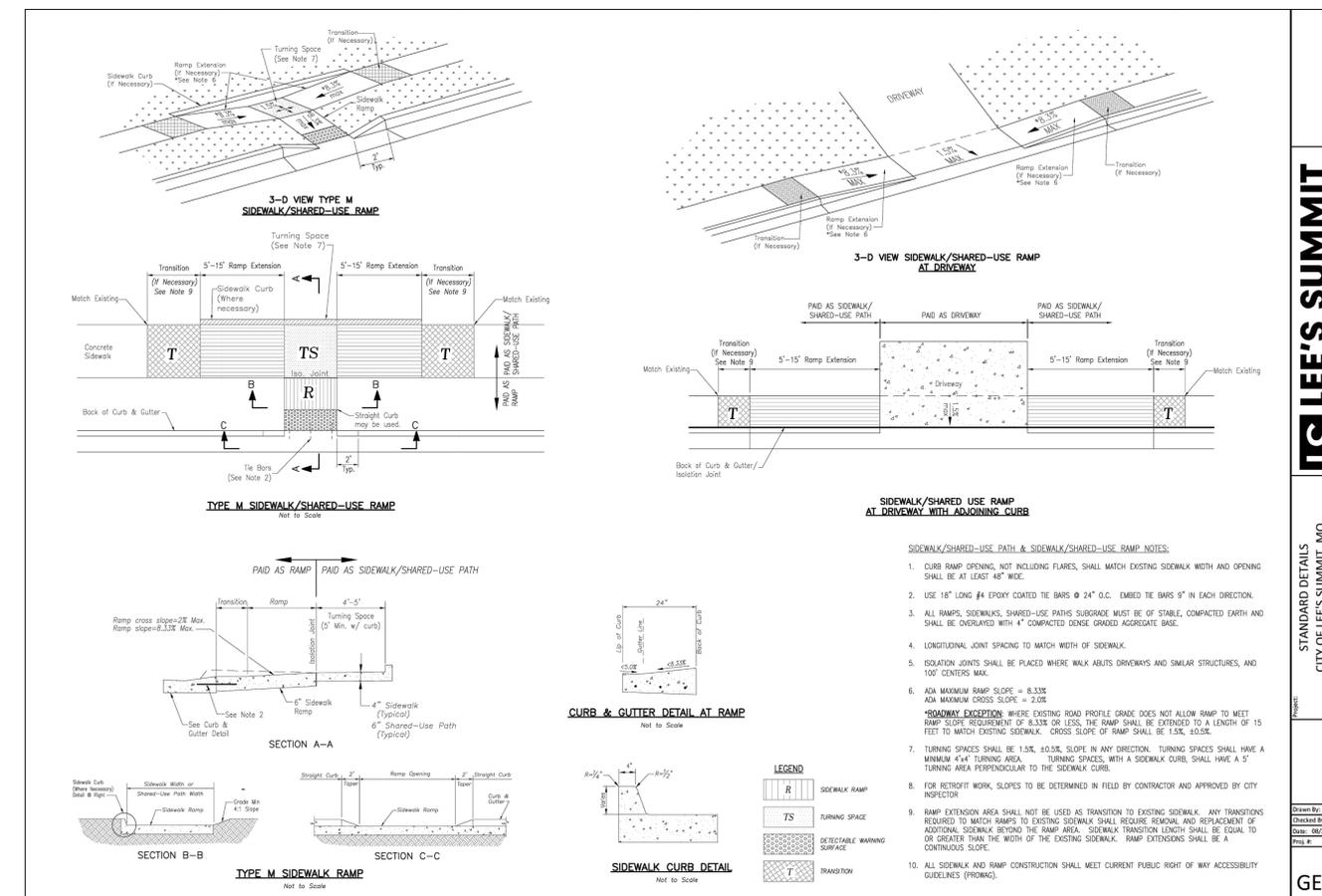
Date: 08/2023
Drawn By: MJF
Checked By: NLY

WAT-11

SERVICE CONNECTION WITH METER WELL



<p>3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com</p>	<p>ADS Nyloplast</p>	<p>12 IN - 30 IN DOME LOCKING GRATE ASSEMBLY</p>
<p>DWG NO. 7001-110-421</p>	<p>SCALE 1:16</p>	<p>SHEET 1 OF 1</p>
<p>REV B</p>	<p>DWG SIZE A</p>	<p>PROJECT NO. NAME</p>
<p>DATE 3-11-11</p>	<p>DATE 3-11-11</p>	<p>TITLE</p>
<p>APPD BY EBC</p>	<p>DATE 7-28-14</p>	<p>DATE 7-28-14</p>
<p>REV BY CJA</p>	<p>DATE 7-28-14</p>	<p>DATE 7-28-14</p>
<p>DATE 3-11-11</p>	<p>DATE 7-28-14</p>	<p>DATE 7-28-14</p>



<p>3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com</p>	<p>ADS Nyloplast</p>	<p>24 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL</p>
<p>DWG NO. 7001-110-192</p>	<p>SCALE 1:40</p>	<p>SHEET 1 OF 1</p>
<p>REV E</p>	<p>DWG SIZE A</p>	<p>PROJECT NO. NAME</p>
<p>DATE 04-03-06</p>	<p>DATE 03-14-16</p>	<p>DATE 03-14-16</p>
<p>APPD BY EBC</p>	<p>DATE 03-14-16</p>	<p>DATE 03-14-16</p>
<p>REV BY NMH</p>	<p>DATE 03-14-16</p>	<p>DATE 03-14-16</p>
<p>DATE 04-03-06</p>	<p>DATE 03-14-16</p>	<p>DATE 03-14-16</p>

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COA# 00062

SHEET TITLE

DETAILS - 4

SHEET NUMBER

C603

23 OF 25

