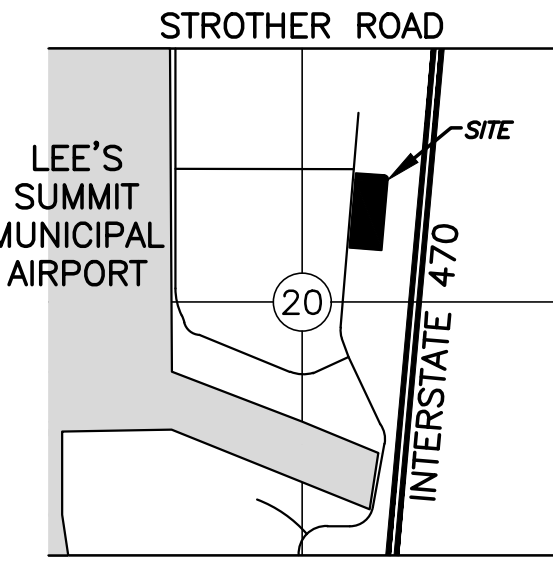
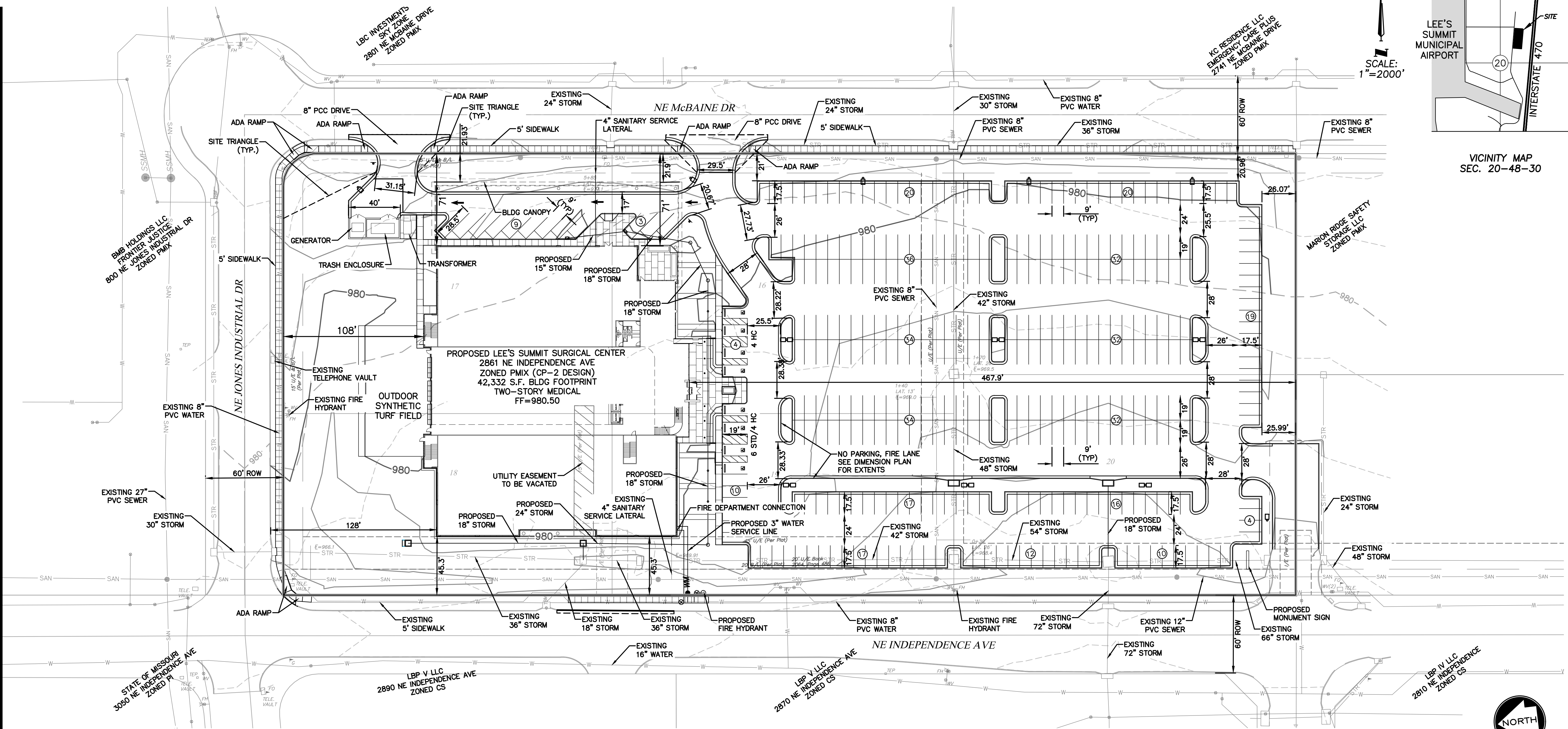
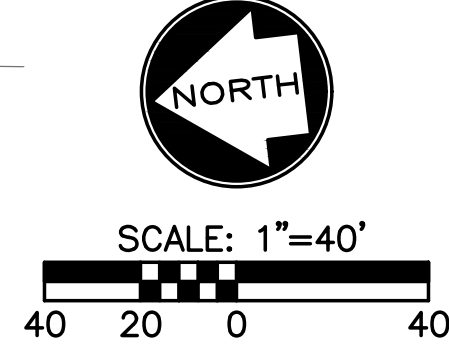


FINAL DEVELOPMENT PLAN - LEE'S SUMMIT SURGICAL CENTER - LEE'S SUMMIT, MO

2861 NE INDEPENDENCE AVE.



SCALE: 1"=2000'



| SHEET LIST TABLE | |
|------------------|--------------------------------|
| SHEET NUMBER | SHEET TITLE |
| C00 | OVERVIEW SHEET |
| C01 | EXISTING CONDITIONS |
| C02 | EROSION CONTROL PHASE 1 |
| C03 | DEMOLITION PLAN |
| C04 | EROSION CONTROL PHASE 2 |
| C05 | EROSION CONTROL DETAILS |
| C06 | EROSION CONTROL DETAILS |
| C07 | DIMENSION AND PARKING PLAN |
| C08 | DIMENSION PLAN TABLES |
| C09 | GRADING PLAN |
| C10 | GRADING PLAN |
| C11 | GRADING PLAN DETAIL |
| C12 | UTILITY PLAN |
| C13 | STORM SEWER PROFILES |
| C14 | DRAINAGE AREA MAP |
| C15 | STORM DESIGN TABLES |
| C16 | LIGHTING PLAN |
| C17 | LIGHTING DETAILS |
| C18 | DETAILS 1 |
| C19 | DETAILS 2 |
| C20 | DETAILS 3 |
| C21 | DETAILS 4 |
| C22 | DETAILS 5 |
| C23 | STRUCTURE MODIFICATION DETAILS |
| L01 | LANDSCAPE PLAN |

| PARKING INFORMATION | | |
|-------------------------------|---|---------------------------|
| ITEM | REQUIREMENTS | PROVIDED |
| BUILDING SIZE | - | RE: ARCHITECT |
| FAR = FLOOR AREA RATIO | MAX. 0.55 FAR | 0.159 FAR |
| MINIMUM PARKING DIM. | 9'x19', 9'x17' W/OVERHANG | 9'x19', 9'x17' W/OVERHANG |
| MIN. DRIVEWAY WIDTH (TWO WAY) | 24' | 24' |
| MIN. DRIVEWAY WIDTH (ONE WAY) | 16' | 16' |
| ADA SPACES | 8 (INC VAN) | 8 (INC VAN) |
| ADA VAN ACCESSIBLE SPACES | 1 | 2 |
| TOTAL PARKING STALLS | 5/1,000 GSF (MEDICAL OFFICE) 4.5/1,000 GSF (REHAB GYM) | 361 |

| AREA REQUIREMENTS | | |
|--------------------------|--|----------|
| LOCATION | REQUIREMENTS | PROVIDED |
| 2861 NE INDEPENDENCE AVE | | |
| ZONE: | PMIX - PLANNED MIXED USE (CP-2 DESIGN) | |
| USE: | MEDICAL OFFICE | |
| LEGAL: | LOTS 15-20 (PROPOSED LOT 15A) | |
| | I-470 BUSINESS AND TECHNOLOGY CENTER | |

DEVELOPER: LSMOB OWNER, LLC
ADDRESS: 11715 ADMINISTRATION DRIVE MARYLAND HEIGHTS, MO 63146 314.503.5006
PHONE: CONTACT NAME: TIM BREECE

DESIGN PROFESSIONAL: SHAFER, KLINE & WARREN, INC.
CONTACT NAME: DAN MCGHEE
ADDRESS: 11250 CORPORATE AVENUE LENEXA, KS 66219 913.888.7800
PHONE: DAN.MCGHEE@SKW-INC.COM
EMAIL:

GENERAL NOTES:

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S DESIGN AND CONSTRUCTION MANUAL, AS STATED IN ORDINANCE NO. 5813.
- PUBLIC WORKS INSPECTIONS ((816) 969-1800) MUST BE CONTACTED FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF ANY EXCAVATION ON SITE.
- ALL PERMANENT CONCRETE CURB SHALL BE STRAIGHT BACK CURB AND GUTTER (APWA TYPE CG-1) OR INTEGRAL WITH SIDEWALK AS INDICATED HEREIN.
- AT THE HEAD OF EACH ACCESSIBLE PARKING SPACE, PROVIDE A SIGN MEETING THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE SIGN SHALL BE MOUNTED A MAXIMUM OF 6 INCHES (5 FEET) ABOVE THE GROUND MEASURED FROM THE BOTTOM OF THE SIGN. THE SIGN SHALL BE 12"x18" IN AREA.
- ALL PRIVATE SANITARY SEWER LATERALS SHALL BE 4" PVC, SDR 26, AT 2.0% MINIMUM SLOPE UNLESS NOTED OTHERWISE.
- ALL WATER LINES SHALL HORIZONTALLY CLEAR STORM SEWER STRUCTURES BY 5 FEET, SANITARY SEWER STRUCTURES BY 10 FEET, AND PIPES BY 18-INCHES VERTICALLY.
- ALL GROUND MOUNTED ELECTRICAL AND MECHANICAL EQUIPMENT LOCATED ADJACENT TO THE BUILDING AND VISIBLE FROM ANY ADJACENT PUBLIC THOROUGHFARE OR RESIDENTIAL AREA SHALL BE SCREENED FROM VIEW IN ACCORDANCE WITH CITY ORDINANCE.
- THE PROJECT IS LOCATED IN FIRM COMMUNITY PANEL NUMBER 29095C0430G, EFFECTIVE JANUARY 20, 2017, FOR THE CITY OF LEE'S SUMMIT. THE PROJECT SITE IS NOT WITHIN A 1-3% ANNUAL CHANCE FLOOD OR AREAS IMPACTED BY THE 0.2 PERCENT ANNUAL CHANCE FLOODPLAIN.
- ALL SIDEWALK PAVEMENT SURFACES SHALL BE STANDARD CONCRETE PAVEMENT PER CITY SPECIFICATION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CITY'S DESIGN AND CONSTRUCTION MANUAL, SECTION 5100, AS STATED IN ORDINANCE NO. 5813.
- THE UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE, BASED ON FIELD LOCATIONS, UTILITY MAPS, AND AS-BUILTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, WHETHER SHOWN OR NOT, AND PROTECT SAID UTILITIES FROM ANY DAMAGE.
- REFER TO TYPICAL SECTION DETAILS FOR PROPOSED PAVEMENT SECTIONS.
- ACCESS TO FIRE DEPARTMENT CONNECTION AND FIRE HYDRANTS SHALL BE MAINTAINED DURING CONSTRUCTION. ACCESS MUST BE WITHIN 100 FEET OF FIRE DEPARTMENT CONNECTIONS AND ROADS SHALL BE CAPABLE OF SUPPORTING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS.
- PROPERTY LINE AND RIGHT-OF-WAY MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE BY A REGISTERED LAND SURVEYOR.
- BUILDING DIMENSIONS SHOWN ON THE CIVIL ENGINEERING PLANS ARE DIMENSIONED FROM OUTSIDE FACE OF STRUCTURE, EXCLUDING DECORATIVE FAÇADE, AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL USE THE ARCHITECTURAL AND STRUCTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- ALL SITE DIMENSIONS ARE REFERENCED TO THE BACK OF CURBS ON THIS SHEET UNLESS OTHERWISE NOTED.
- ALL DISTURBANCE INCURRED TO ANY ADJOINING PROPERTY DUE TO CONSTRUCTION OR DEMOLITION SHALL BE RESTORED TO THE PREVIOUS CONDITION OR BETTER, AND TO THE SATISFACTION OF THE CITY INSPECTOR.



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Missouri No.: 000958 (Expires: 12.31.2017)

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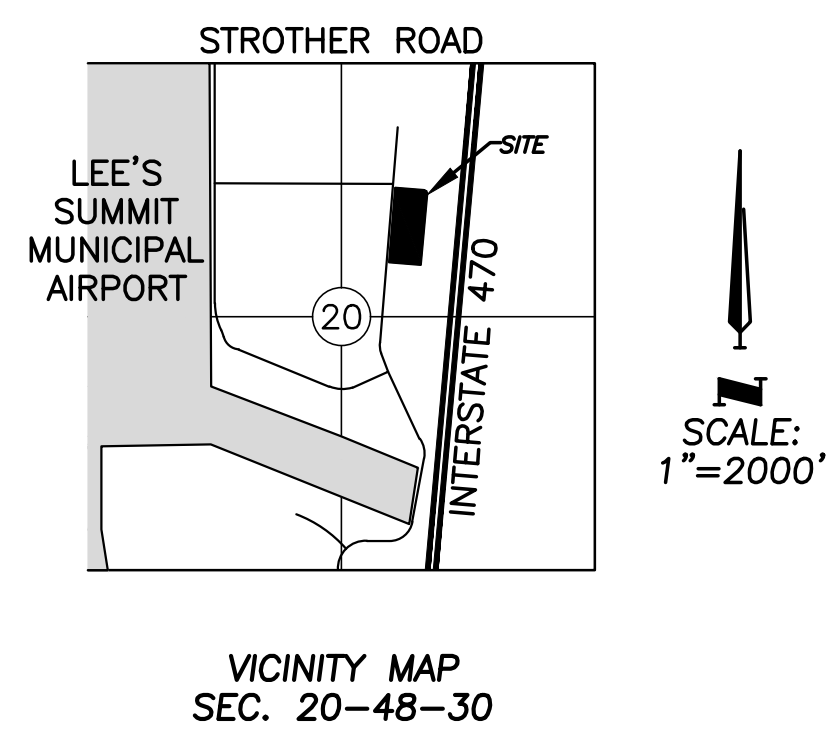
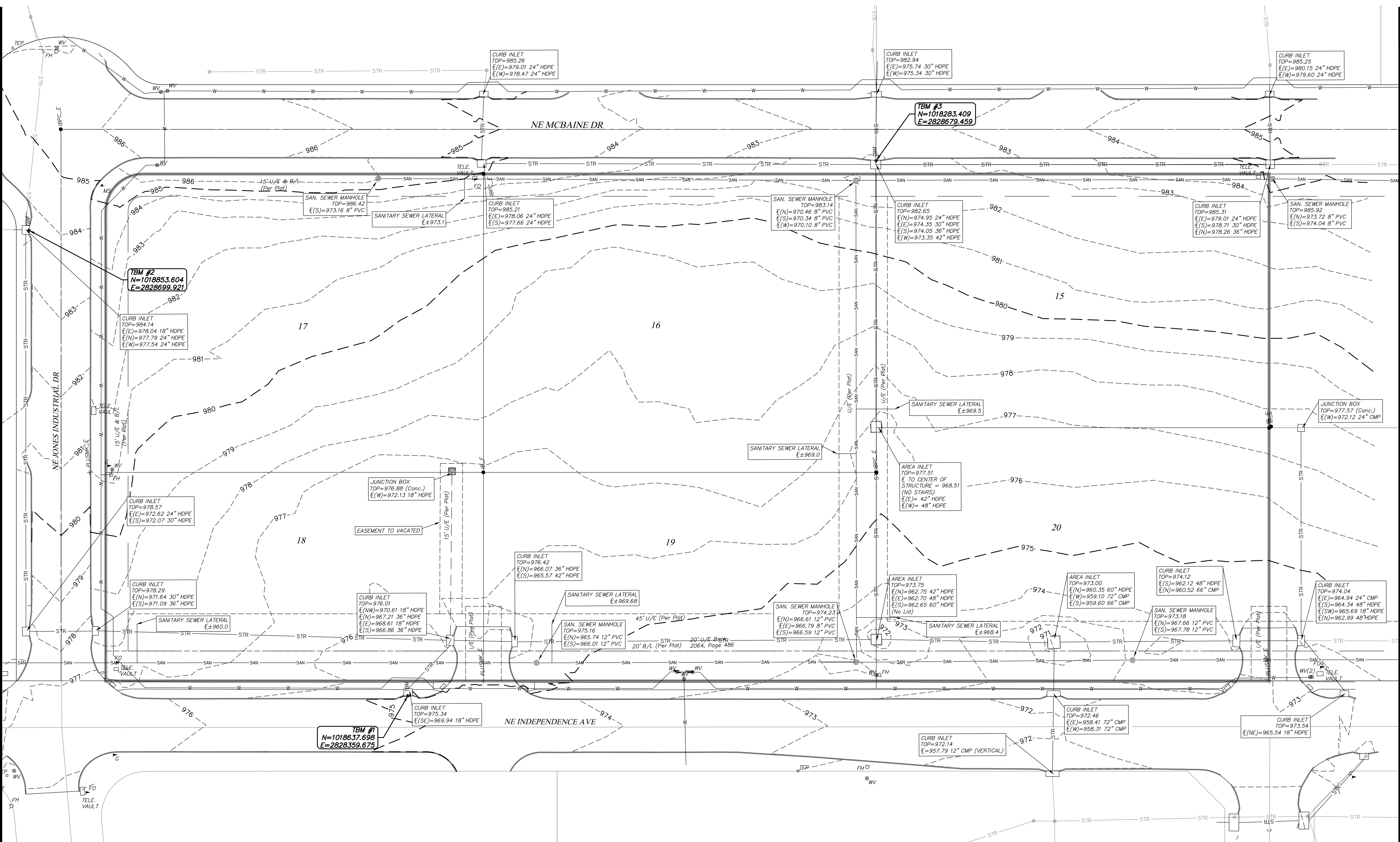
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MEP/FP CONSULTANT:
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138 Weldon Parkway
Maryland Heights, Missouri 63043
314.737.4200
State Certificate of Authority #2002018767

Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

| | |
|------------|------------|
| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | ELM |
| Checked By | MDM |

| Revisions | Number | Date | Description |
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| 1 | | 10/30/17 | CITY COMMENTS |



LEGEND

- IB_E = EXIST IRON BAR
- IBPC_E = EXIST. IRON BAR WITH PLASTIC CAP
- + PLUSUMK_E = EXIST. PLUS CUT
- ▴ FO = FIBER OPTIC MARKER
- ⊕ FH = FIRE HYDRANT
- ⊕ G = GAS MARKER
- ⊕ H&V = HORIZONTAL & VERTICAL CONTROL POINT
- ⊕ MS = METAL SIGN
- SSMH = SANITARY SEWER MANHOLE
- STMH = STORM MANHOLE
- TEP = TELEPHONE PEDESTAL
- TBM = TEMP BENCHMARK
- UMH = UNKNOWN MH
- ⊕ WV = WATER VALVE

- BENCHMARK #1:** ELEV.=975.34
 SQUARE CUT ON CENTER FRONT FACE OF CURB INLET EAST SIDE OF INDEPENDENCE AVE. FIRST INLET SOUTH OF THE INTERSECTION OF INDEPENDENCE AVE. AND JONES INDUSTRIAL.
- BENCHMARK #2:** ELEV.=984.11
 SQUARE CUT ON CENTER FRONT FACE OF CURB INLET NORTHWEST QUADRANT OF JONES INDUSTRIAL AND MCBAIN.
- BENCHMARK #3:** ELEV.=982.64
 SQUARE CUT ON CENTER FRONT FACE OF CURB INLET WEST SIDE OF MCBAIN AND 500' S SOUTH OF JONES INDUSTRIAL.

- GENERAL NOTES:**
- BEARING SHOWN HEREON ARE BASED UPON THE FINAL PLAT OF I-470 BUSINESS AND TECHNOLOGY CENTER.
 - THE VERTICAL DATUM USED FOR THIS PROJECT IS: NAVD 88.
 - CONTOURS SHOWN HEREON ARE 1' CONTOUR INTERVALS.



SCALE: 1"=30'



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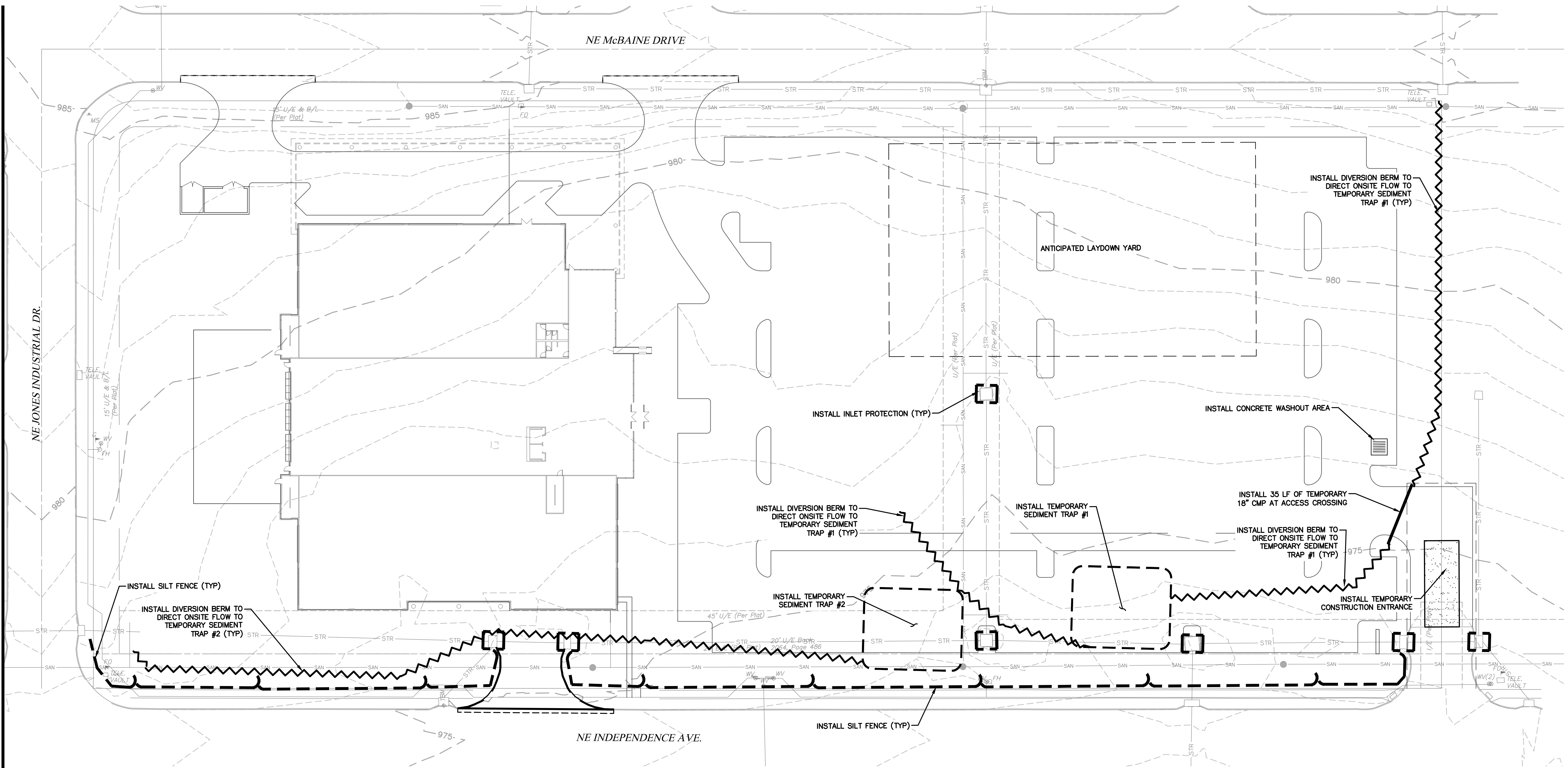
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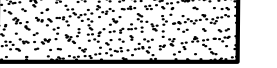


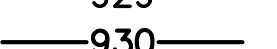



Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

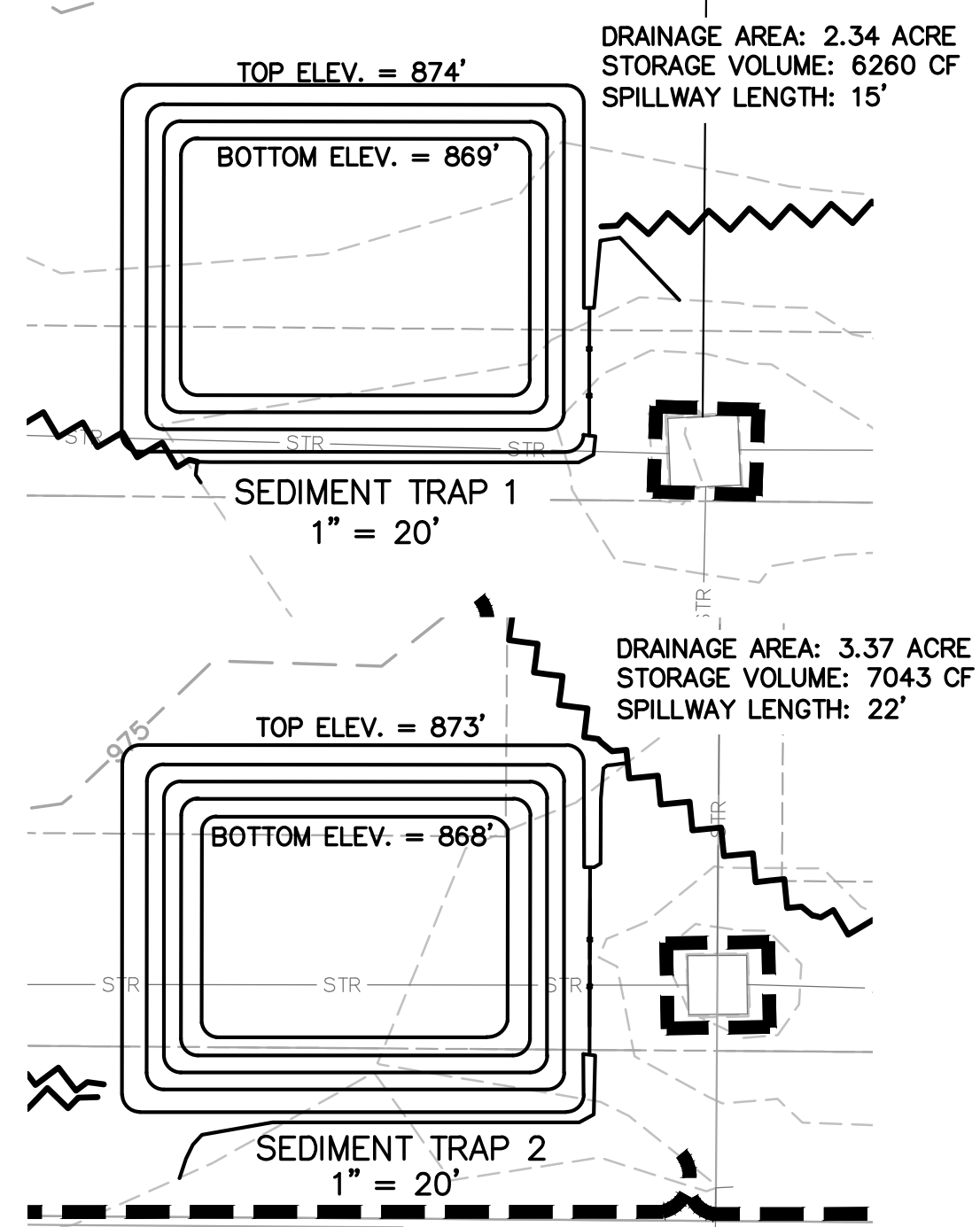
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EROSION CONTROL LEGEND

-  INLET PROTECTION
-  SILT FENCE
-  CONSTRUCTION ENTRANCE
-  WATTLE DITCH CHECK
-  EXISTING 1' CONTOUR
-  EXISTING 5' CONTOUR
-  PROPOSED 1' CONTOUR
-  PROPOSED 5' CONTOUR
-  DENOTES PROPOSED CONCRETE WASHOUT AREA



PHASE 1 EROSION CONTROL NOTES:

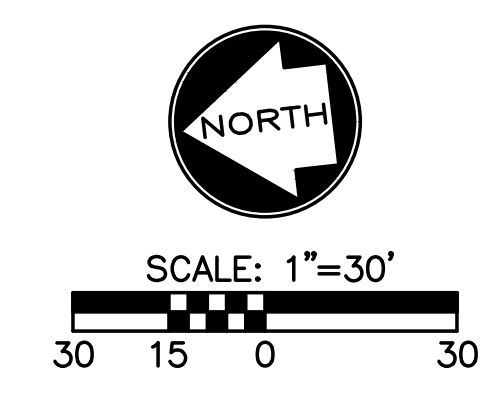
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE SWPPP. A COPY OF THE SWPPP SHALL BE AVAILABLE ON SITE AT ALL TIMES.
2. THE EROSION CONTROL FEATURES, NOTES, AND SPECIFICATIONS IN THE SWPPP REPRESENT THE MINIMUM ACCEPTABLE REQUIREMENTS. LOCATIONS ARE TYPICAL AND MAY VARY ACCORDING TO CONTRACTOR'S STAGING AND LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL ADJUST, MODIFY, AND ADD TO THIS PLAN AS NECESSARY TO CONTROL EROSION, SILTATION, AND POLLUTION.
3. IT SHALL BE EACH CONTRACTOR'S RESPONSIBILITY TO CONTROL EROSION AND PREVENT POLLUTION FOR ALL WORK WHICH THEY ARE DIRECTLY INVOLVED.
4. EROSION CONTROL DEVICES SHOWN ON THIS PLAN SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION OR GRADING WORK.
5. WHEN POSSIBLE, WITHOUT ADVERSELY AFFECTING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL: MINIMIZE THE AMOUNT OF SURFACE AREA WHICH IS EXPOSED AT ONE TIME, LEAVE GRADED AREAS WITH A ROUGH TEXTURE, CONSTRUCT TEMPORARY TERRACES DURING GRADING OPERATIONS, AND LIMIT UNNECESSARY VEHICLE TRAFFIC IN GRADED AREAS.
6. THE SPILLAGE OF DEBRIS, INCLUDING THE TRACKING OF SOIL, OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE AVOIDED. THEREFORE THE CONTRACTOR SHALL PROVIDE AND UTILIZE STABILIZED DRIVES AT ALL ACCESS LOCATIONS AS NECESSARY AND SHALL REMOVE PROMPTLY ANY MATERIAL WHICH FINDS ITS WAY INTO THE PUBLIC RIGHT-OF-WAY.
7. SILT FENCES SHALL BE PLACED ON A CONTOUR ELEVATION ALONG THE DOWNHILL SIDE AND FOR THE FULL EXTENT OF THE DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS. THE LAST FIVE FEET ON EACH END OF RUN OF SILT FENCE/STRAW BALE DIKE SHALL BE PLACED FACING UPHILL AT 90 DEGREES TO THE CONTOUR LINE.
8. THE CONTRACTOR SHALL INSPECT THEIR EROSION CONTROL DEVICES EVERY 7 DAYS AND WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR MORE IN DEPTH. THE CONTRACTOR SHALL REPAIR DAMAGE, CLEAN OUT SEDIMENT AND ADD ADDITIONAL CONTROL DEVICES AS NEEDED AS SOON AS PRACTICABLE AFTER INSPECTION. DEFICIENCIES MUST BE CORRECTED WITHIN 7 DAYS OF INSPECTION.
9. ALL AREAS UPON REACHING FINAL GRADE SHALL BE BROUGHT TO FINAL TREATMENT, AS SOON AS POSSIBLE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL SOIL DISTURBING ACTIVITIES ARE COMPLETE AND A UNIFORM PERENNIAL COVER WITH A DENSITY OF 70% (MINIMUM) IS ESTABLISHED.
10. WHERE GRADED AREAS DRAIN ONTO PAVED AREAS, SILT FENCE SHALL BE PLACED AT THE BACK OF CURB TO PREVENT SILT FROM ENTERING THE PAVED AREAS. WHEN THESE EROSION CONTROL DEVICES ARE NOT PLACED ON THE CONTOUR, THEN THEY SHALL BE INSTALLED AT 50 FOOT INTERVALS WITH A 5 FOOT LENGTH PLACED AT 90 DEGREES TO THE MAIN LENGTH.
11. REMOVE CONCRETE WASH OUT AREA AFTER ALL CONCRETE WORK IS COMPLETE. AFTER REMOVAL OF THE CONCRETE WASHOUT AREA THE CONTRACTOR SHALL ESTABLISH PERMANENT GROUND COVER (SEED) IN THE AREA WHERE THE WASH OUT WAS LOCATED.
12. ALL STORM SEWER INLETS SHALL HAVE INLET PROTECTION AFTER STORM SEWER CONSTRUCTION. SEE PHASE 2 EROSION CONTROL PLAN FOR NEW INLET LOCATIONS AND ADDITIONAL REQUIREMENTS.
13. ALL TREES LOCATED INSIDE THE GRADING LIMITS SHALL BE REMOVED.

EROSION CONTROL GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL PUBLIC ROADWAYS AND PUBLIC STORMWATER INFRASTRUCTURE ADJACENT TO THE CONSTRUCTION SITE FREE OF DIRT AND DEBRIS RESULTING FROM ACTIVITIES RELATED TO THE CONSTRUCTION OF THIS PROJECT.
2. CONTRACTOR SHALL REFER TO THE SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MDRN LAND DISTURBANCE PERMIT FOR ADDITIONAL REQUIREMENTS AND BEST MANAGEMENT PRACTICES.
3. ALL WASTE MATERIAL RESULTING FROM THE CONSTRUCTION OF THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, OR AS DIRECTED BY THE OWNER.

PHASE 1 EROSION AND SEDIMENT CONTROL SEQUENCING:

1. IMPLEMENT PRE-CLEARING PLAN: ALL STRUCTURAL BMPS SHOWN ON THE PLAN MUST BE IN PLACE BEFORE GENERAL CLEARING OPERATIONS. CLEARING NECESSARY TO PLACE STRUCTURAL BMPS IS THE MINIMUM REQUIRED FOR THE INSTALLATION. COORDINATE CLEARING NECESSARY TO PLACE STRUCTURAL BMPS WITH LOCAL WEATHER FORECAST SO THAT CLEARING AND PLACEMENT MAY BE COMPLETED WITHIN A FORECAST DRY PERIOD. STABILIZE ALL DIVERSION DIKES, SEDIMENT TRAPS, AND SEDIMENT BASINS WITHIN 5 DAYS AFTER INSTALLATION.
2. CLEAR AND STABILIZE WORK AREAS: GRADE BUILDING PAD AND CONTRACTOR AREAS AND PLACE ALL WEATHER SURFACE ON CONTRACTOR AREAS.



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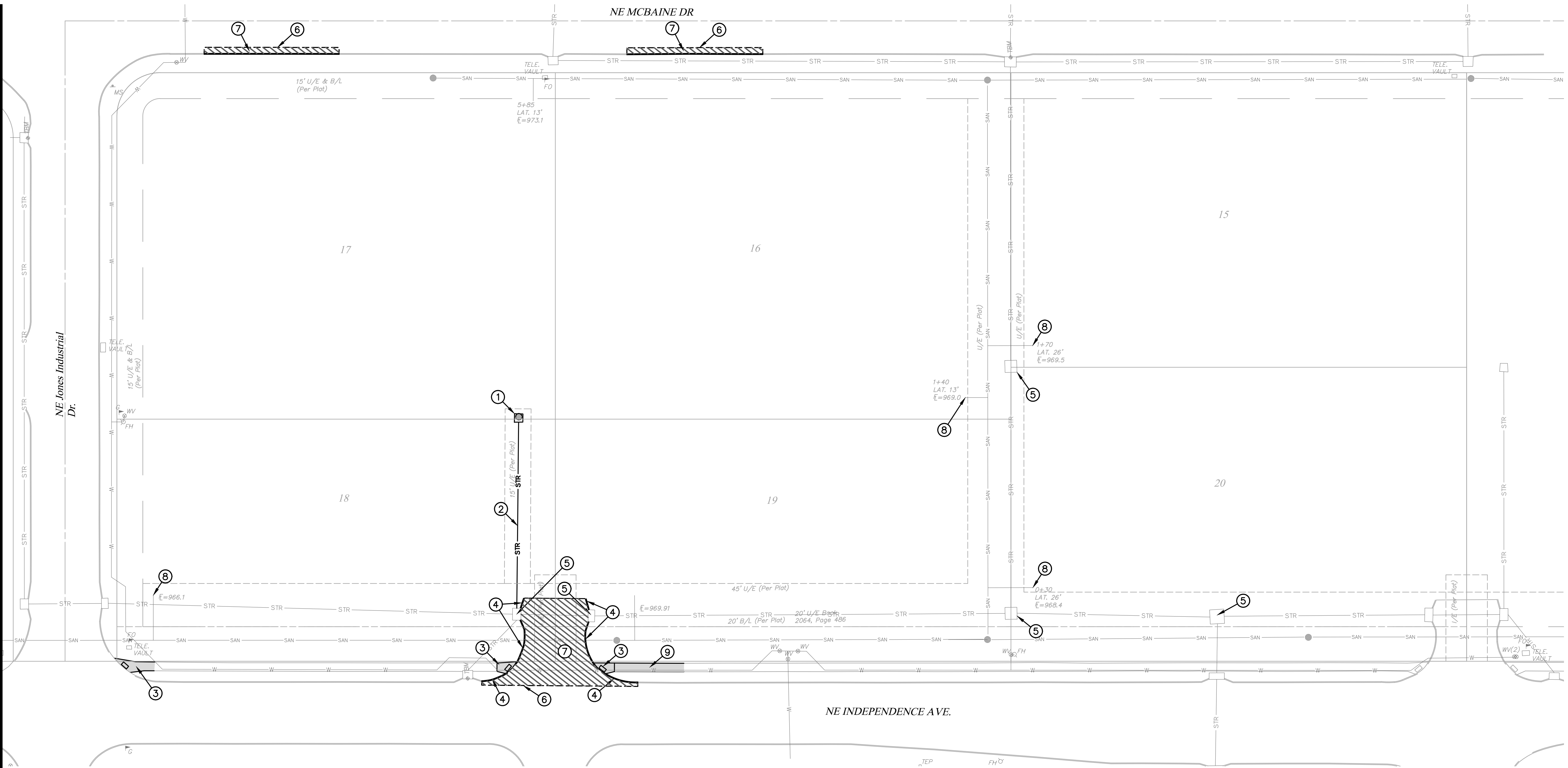
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

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| | 1 | 10/30/17 | CITY COMMENTS |



DEMOLITION KEYNOTES:

1. REMOVE EXISTING STORM STRUCTURE.
2. REMOVE EXISTING STORM SEWER PIPE.
3. REMOVE EXISTING SIDEWALK RAMP, FLARES, AND ADA DETECTION STRIP.
4. REMOVE EXISTING CONCRETE CURB.
5. EXISTING STORM STRUCTURES TO REMAIN. CONTRACTOR TO MODIFY STRUCTURES. REFER TO UTILITY PLAN AND DETAILS.
6. SAWCUT EXISTING SURFACE 2-FT INTO EXISTING PAVEMENT.
7. REMOVE EXISTING SURFACE.
8. ABANDON IN PLACE EXISTING SANITARY SEWER LATERAL PER CITY REQUIREMENTS.
9. REMOVE EXISTING SIDEWALK FOR WATER IMPROVEMENTS.

DEMOLITION NOTES:

1. THE SCOPE OF DEMOLITION IS NOT LIMITED EXCLUSIVELY TO THE WORK INDICATED ON THE DEMOLITION PLAN. THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A GENERAL GUIDE FOR DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL WORK THAT MAY BE REQUIRED FOR PROPER INSTALLATION OF NEW WORK. SEE ALL CONSTRUCTION DOCUMENTS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. ALL UTILITIES NOT SPECIFICALLY MARKED FOR DEMOLITION, SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. SPECIAL SUPPORTS, BRACING ETC. SHOULD BE PROVIDED TO PROTECT EXISTING UTILITIES TO REMAIN.
3. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL UTILITY DEMOLITION, SHUTOFFS, AND SWITCH OVERS WITH THE RESPECTIVE UTILITY COMPANY.
4. THE CONTRACTOR SHALL PROTECT ALL ITEMS, NOT SPECIFICALLY NOTED FOR DEMOLITION. IF ITEMS ARE DAMAGED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL REPAIR THE ITEMS AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL REPAIR ALL SURROUNDING PAVEMENTS, SIDEWALKS, AND CURBS DAMAGED BY CONSTRUCTION ACTIVITIES.
6. ALL UTILITY BOXES, MANHOLES, VALVES, POLES AND OTHER APPURTENANCES, TO REMAIN, SHALL BE ADJUSTED TO MATCH THE FINISHED GRADE.



SCALE: 1"=30'
 30 15 0 30



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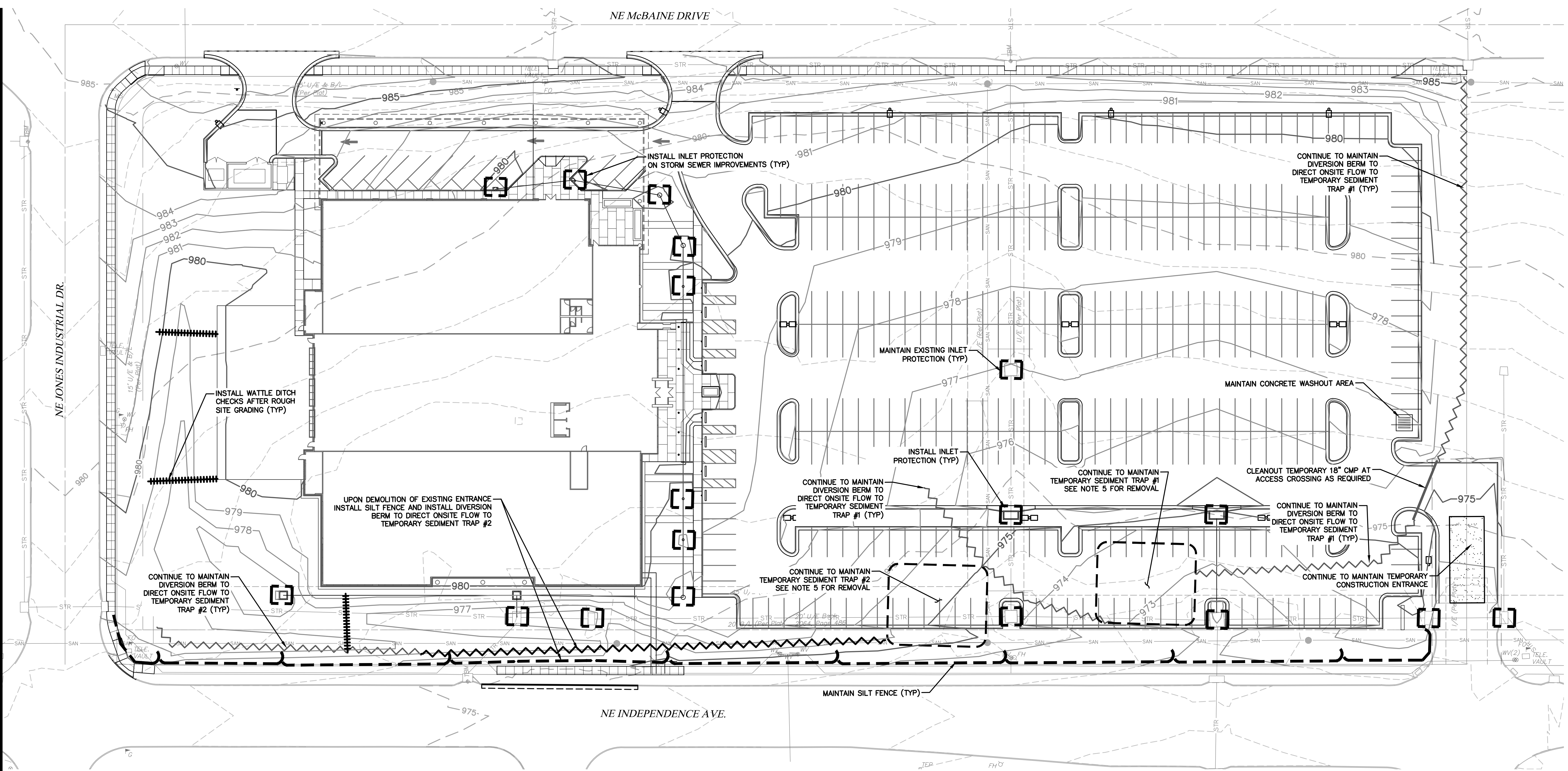
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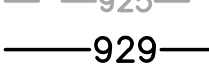
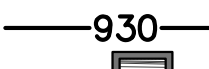



Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

Date 9/22/17
 Job Number 170534-010
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EROSION CONTROL LEGEND

-  INLET PROTECTION
-  SILT FENCE
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-  WATTLE DITCH CHECK
-  EXISTING 1' CONTOUR
-  EXISTING 5' CONTOUR
-  PROPOSED 1' CONTOUR
-  PROPOSED 5' CONTOUR
-  DENOTES PROPOSED CONCRETE WASHOUT AREA

PHASE 2 EROSION AND SEDIMENT CONTROL SEQUENCING:

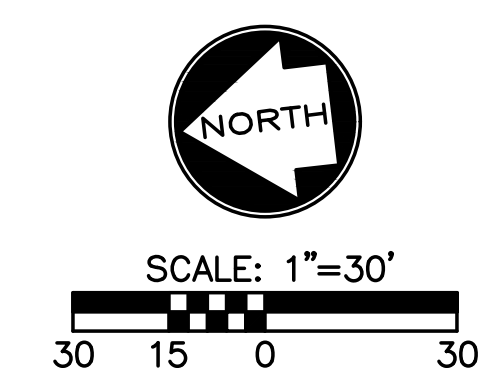
1. BUILDING TOP-OUT: COMPLETE BUILDING FOUNDATION, FRAMING, SIDING AND ROOF INSTALLATION INCLUDING UTILITY SERVICES.
2. STABILIZE INACTIVE AREAS: THE GROUND COVER AND OTHER STRUCTURAL BMPs SHOWN ON THE PHASE 2 STABILIZATION MUST BE PLACED WITHIN 14 DAYS OF CESSATION OF GROUND DISTURBING ACTIVITY AT THE LOCATION OF THE BMP, BUT IN NO CASE LATER THAN 14 DAYS FROM BUILDING TOP OUT. IN DETERMINING THE INACTIVE STATUS OF THE GROUND, EVALUATE EACH PORTION OF THE SITE SEPARATELY. THE NEED FOR SUBSEQUENT PLACEMENT OF TRENCHED UTILITIES, PAVEMENT OR OTHER CONSTRUCTION IN AN OTHERWISE INACTIVE AREA IS NOT JUSTIFICATION FOR DELAY OF STABILIZATION.
3. FINISH INTERIOR: CONSTRUCTION THE INTERIOR OF THE STRUCTURE AND MINOR STRUCTURES DEPICTED ON THE CONSTRUCTION PLANS.
4. IMPLEMENT FINAL STABILIZATION: PLACE PERMANENT SITE COVER. COORDINATE REMOVAL OF CONSTRUCTION PHASE BMPs NECESSARY TO PLACE FINAL STABILIZATION WITH LOCAL WEATHER FORECAST SO THAT REMOVAL AND PLACEMENT MAY BE COMPLETED WITHIN A FORECAST DRY PERIOD. DOWN-SLOPE PERIMETER CONTROLS SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION IS PLACED AND VEGETATIVE COVER IS ESTABLISHED OVER THE REMAINDER OF THE SITE.
5. ESTABLISHMENT AND FINAL CONSTRUCTION: ONCE THE REMAINDER OF THE SITE IS STABILIZED INCLUDING ESTABLISHMENT OF SEEDING COVER TYPES, CONSTRUCT PERMANENT WATER QUALITY BMPs AND REMOVE THE SEDIMENT CONTROLS AND THE REMAINING ACCESS CONTROLS. RESTORE AREA DISTURBED BY REMOVAL OF SEDIMENT CONTROLS.
6. PLAN MODIFICATION: THE CONTRACTOR MUST MODIFY THE PLAN IF THE PLAN FAILS TO SUBSTANTIALLY CONTROL EROSION AND OFFSITE SEDIMENTATION. PLAN MODIFICATIONS DUE TO INEFFECTIVENESS MAY BE TAKEN WITHOUT PRIOR APPROVAL OF THE REVIEW AGENCY, BUT MUST BE FULL DOCUMENTED AND APPROVAL SECURED FROM THE PERMITTING AUTHORITY AS SOON AS PRACTICABLE. THE CONTRACTOR MAY MODIFY THE PLAN OR CONSTRUCTION SEQUENCE IF IMPLEMENTATION IS INFEASIBLE FOR SITE CONDITIONS OR CONTRACTOR METHODS. ANY SUCH MODIFICATION SHALL CONTROL EROSION AND OFFSITE SEDIMENTATION TO THE MAXIMUM EXTENT PRACTICABLE. ANY SUCH MODIFICATION SHALL REQUIRE THE APPROVAL OF THE PERMITTING AUTHORITY.

EROSION CONTROL GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL PUBLIC ROADWAYS AND PUBLIC STORMWATER INFRASTRUCTURE ADJACENT TO THE CONSTRUCTION SITE FREE OF DIRT AND DEBRIS RESULTING FROM ACTIVITIES RELATED TO THE CONSTRUCTION OF THIS PROJECT.
2. CONTRACTOR SHALL REFER TO THE SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MDNR LAND DISTURBANCE PERMIT FOR ADDITIONAL REQUIREMENTS AND BEST MANAGEMENT PRACTICES.
3. ALL WASTE MATERIAL RESULTING FROM THE CONSTRUCTION OF THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, OR AS DIRECTED BY THE OWNER.

PHASE 2 EROSION CONTROL NOTES:

1. CONTRACTOR SHALL INSTALL INLET PROTECTION MEASURES AFTER ALL NEW STORM SEWER STRUCTURES ARE INSTALLED.
2. CONTRACTOR SHALL MAINTAIN PHASE 2 EROSION CONTROL MEASURES, UNTIL FINAL SITE STABILIZATION HAS OCCURRED.
3. CONTRACTOR MAY MAKE ADJUSTMENTS TO EROSION CONTROL MEASURES, TO ALLOW FOR CONSTRUCTION SEQUENCING, HOWEVER THEY ARE ULTIMATELY RESPONSIBLE FOR PREVENTING STORMWATER POLLUTION RUNOFF FROM PROJECT SITE.
4. CONTRACTOR SHALL STABILIZE SLOPES AND INACTIVE AREAS WITH MULCH AND TEMPORARY SEEDING. STABILIZATION ACTIVITIES ARE TO BE INITIATED IMMEDIATELY WHEN SOIL DISTURBING ACTIVITIES CEASE AND WILL NOT RESUME FOR MORE THAN 14 DAYS. STABILIZATION ACTIVITIES ARE TO BE COMPLETED WITHIN 21 DAYS.
5. UPON FINAL SITE STABILIZATION (PAVING, LANDSCAPING, ETC.) THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL MEASURES.
6. CONTRACTOR SHALL MAINTAIN THE SWPPP THROUGHOUT CONSTRUCTION.



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Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

| | |
|------------|------------|
| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | ELM |
| Checked By | MDM |

| Revisions | Number | Date | Description |
|-----------|--------|----------|---------------|
| 1 | 1 | 10/30/17 | CITY COMMENTS |



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Lee's Summit, Missouri

Date: 9/22/17
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Checked By: MDM
Revisions:
Number Date Description
1 10/30/17 CITY COMMENTS

SILT FENCE DETAILS
Not to Scale

SILT FENCE LAYOUT
Not to Scale

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KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER ESC-03
ADOPTED: 10/24/2016

SILT FENCE

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

WATTLES AND BIODEGRADABLE LOG

MULCH OR COMPOST FILTER BERMS

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER ESC-04
ADOPTED: 10/24/2016

WATTLES/BIODEGRADABLE LOG AND MULCH/COMPOST FILTER BERM

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

CONCRETE WASHOUT

CONSTRUCTION ENTRANCE

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER ESC-01
ADOPTED: 10/24/2016

CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT

Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control. Concrete Washout modified from 2009 City of Great Bend Standard Drawings.

TYPICAL PROFILE OF DIVERSION BERM
Not to Scale

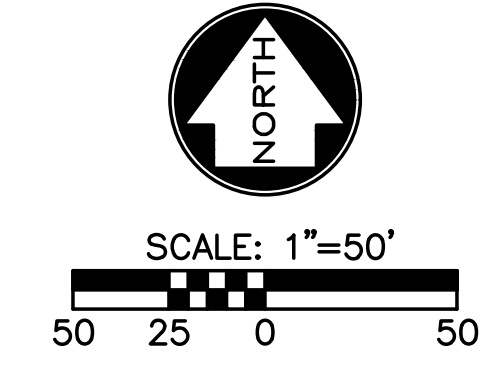
TYPICAL PROFILE OF DIVERSION BERM WITH SLOPE DRAIN

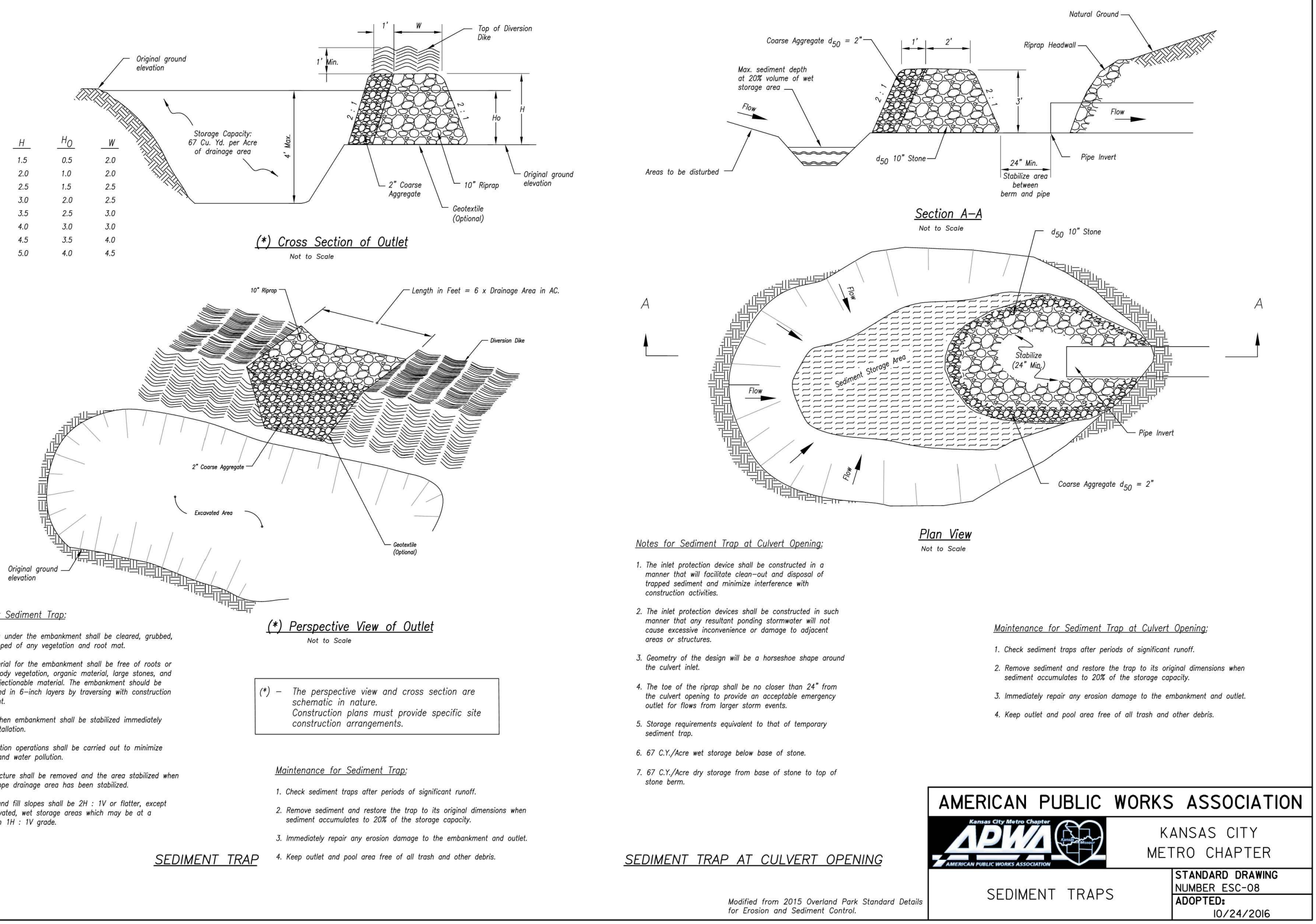
TYPICAL PLAN VIEW OF DIVERSION BERM AND SLOPE DRAIN

AMERICAN PUBLIC WORKS ASSOCIATION
KANSAS CITY METRO CHAPTER
STANDARD DRAWING NUMBER ESC-05
ADOPTED: 10/24/2016

DIVERSION BERMS AND SLOPE DRAINS

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.





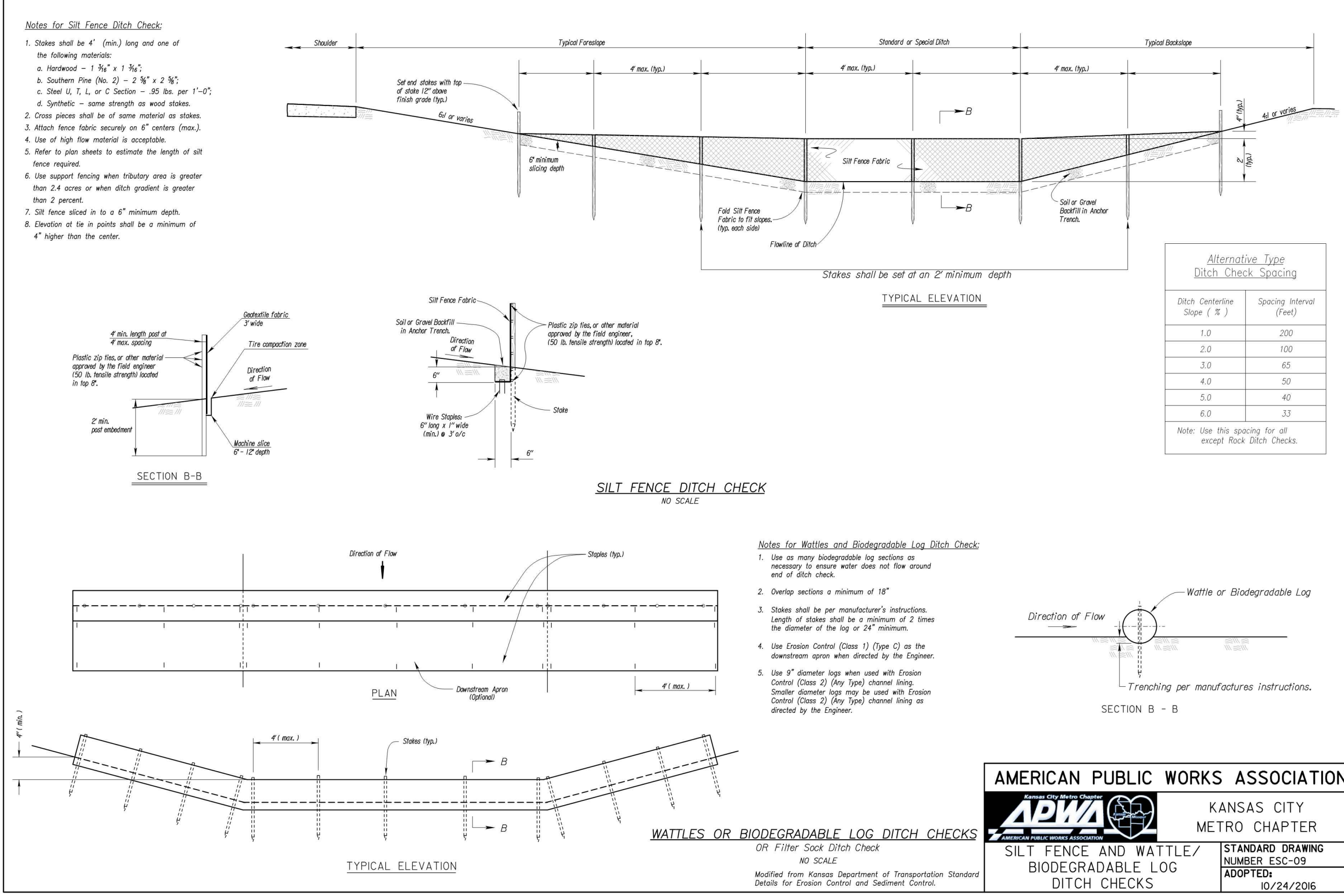
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KANSAS CITY METRO CHAPTER

STANDARD DRAWING NUMBER ESC-08 ADOPTED: 10/24/2016

SEDIMENT TRAPS



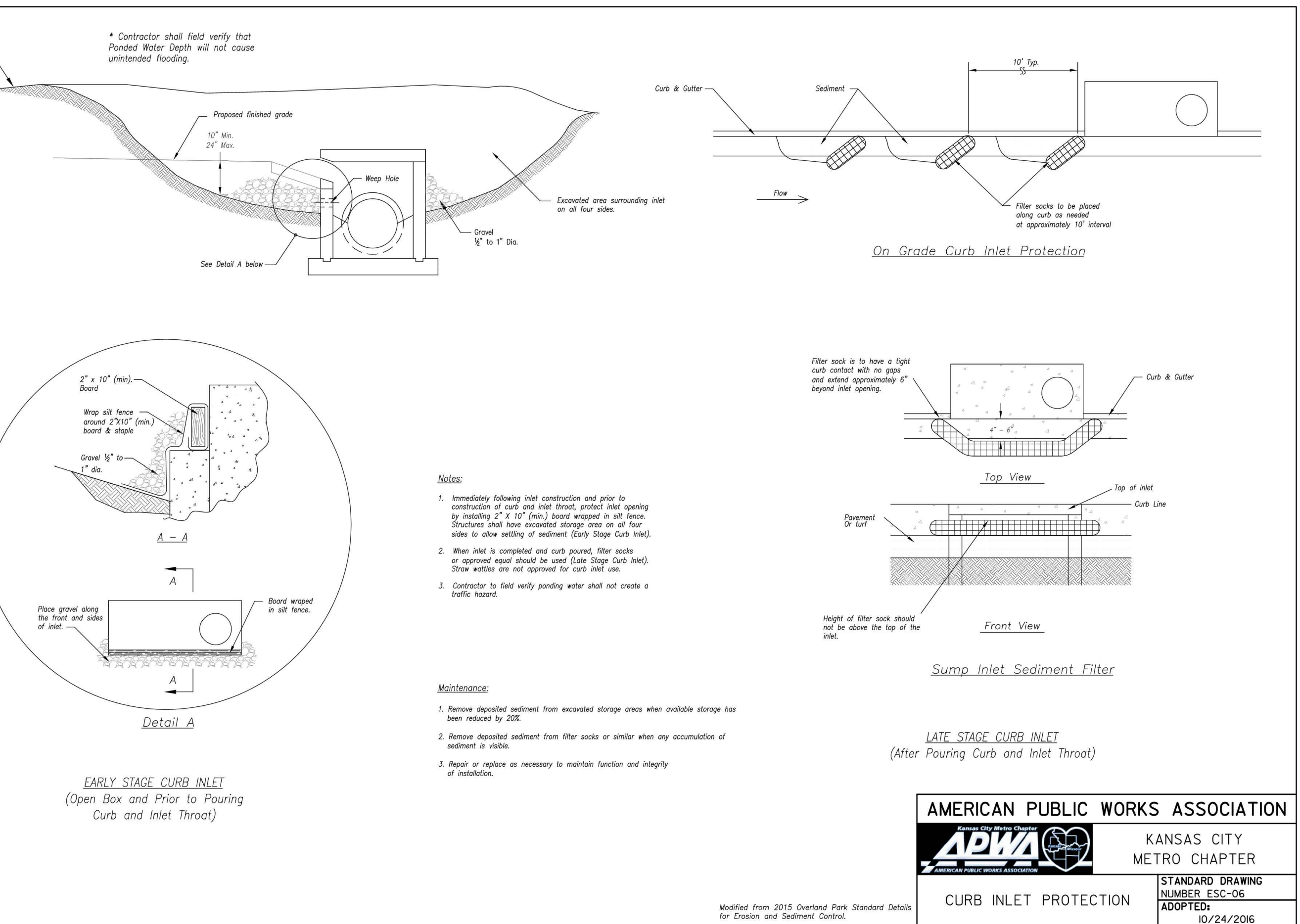
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KANSAS CITY METRO CHAPTER

STANDARD DRAWING NUMBER ESC-09 ADOPTED: 10/24/2016

SILT FENCE AND WATTLE/BIODEGRADABLE LOG DITCH CHECKS



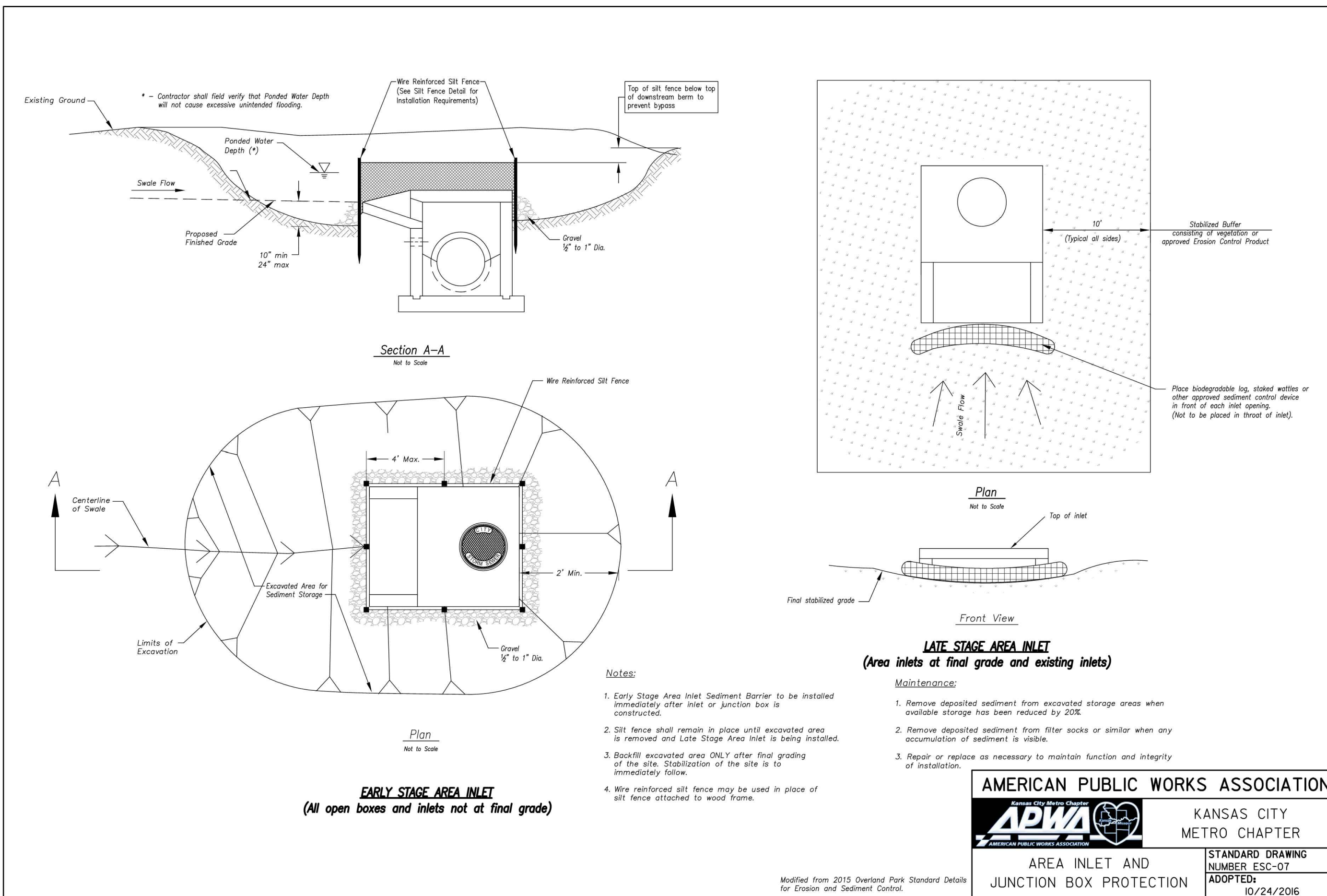
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KANSAS CITY METRO CHAPTER

STANDARD DRAWING NUMBER ESC-06 ADOPTED: 10/24/2016

CURB INLET PROTECTION



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KANSAS CITY METRO CHAPTER

STANDARD DRAWING NUMBER ESC-07 ADOPTED: 10/24/2016

AREA INLET AND JUNCTION BOX PROTECTION



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STANDARD DRAWING NUMBER ESC-06 ADOPTED: 10/24/2016

CURB INLET PROTECTION



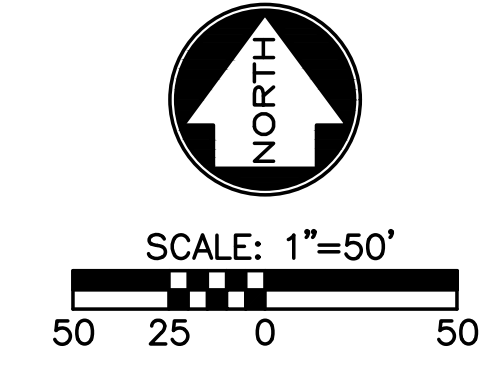
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STANDARD DRAWING NUMBER ESC-07 ADOPTED: 10/24/2016

AREA INLET AND JUNCTION BOX PROTECTION



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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

Date: 9/22/17
Job Number: 170534-010
Drawn By: ELM
Checked By: MDM

Revisions
Number Date Description
1 10/30/17 CITY COMMENTS

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KANSAS CITY METRO CHAPTER

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AREA INLET AND JUNCTION BOX PROTECTION



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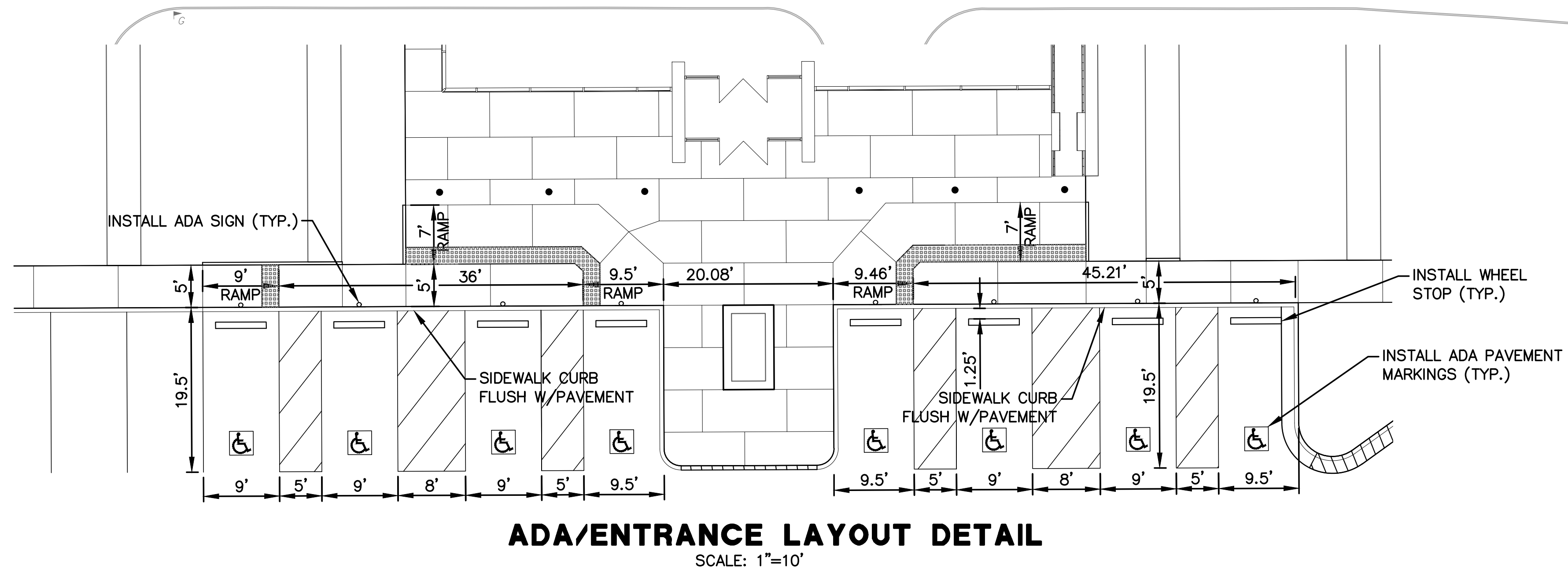
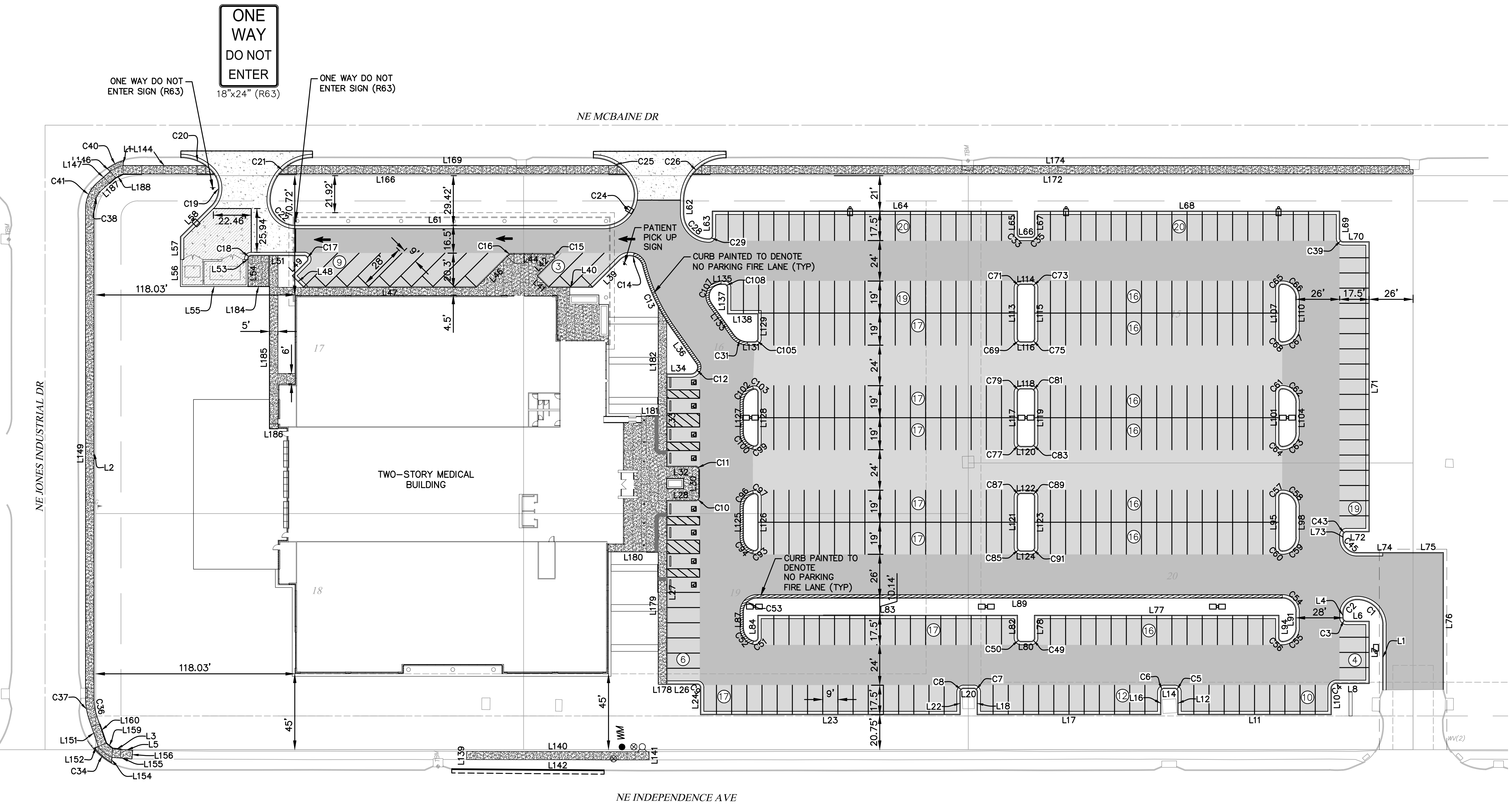
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

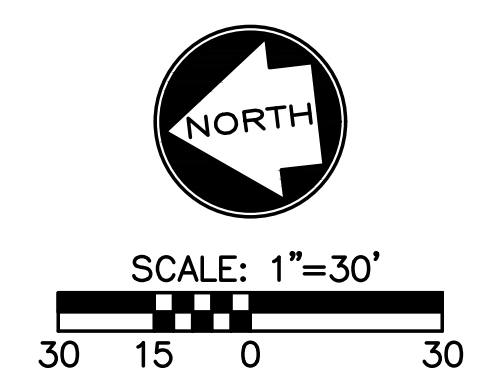
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| Revisions | Number | Date | Description |
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C07
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DIMENSION AND PARKING PLAN

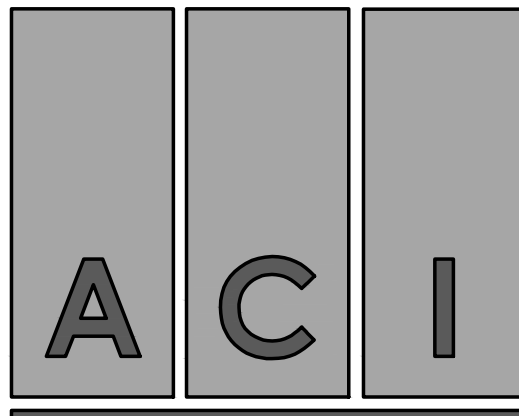


- PAVEMENT LEGEND**
- DENOTES HEAVY DUTY PAVEMENT
 - DENOTES LIGHT DUTY PAVEMENT
 - DENOTES 8" REINFORCED PORTLAND CONCRETE CEMENT PAVEMENT
 - DENOTES 8" NON-REINFORCED PORTLAND CONCRETE CEMENT PAVEMENT
 - DENOTES NON-REINFORCED PORTLAND CEMENT CONCRETE SIDEWALK AND SIDEWALK RAMPS





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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

| Line Table | | |
|------------|--------|------------------|
| Line # | Length | Direction |
| L1 | 38.48 | S83° 14' 44.00"E |
| L2 | 290.39 | S83° 14' 29.96"E |
| L3 | 5.00 | N11° 46' 41.45"E |
| L4 | 2.68 | N83° 14' 56.00"W |
| L5 | 6.96 | N11° 46' 41.45"E |
| L6 | 13.50 | S06° 45' 04.00"W |
| L7 | 37.00 | N83° 14' 56.00"W |
| L8 | 19.50 | N06° 45' 04.00"E |
| L10 | 15.44 | N83° 14' 56.00"W |
| L11 | 91.00 | N06° 45' 04.00"E |
| L12 | 13.50 | S83° 14' 56.00"E |
| L14 | 6.00 | N06° 45' 04.00"E |
| L16 | 13.50 | N83° 14' 56.00"W |
| L17 | 109.00 | N06° 45' 04.00"E |
| L18 | 13.50 | S83° 14' 56.00"E |
| L20 | 6.00 | N06° 45' 04.00"E |
| L22 | 13.50 | N83° 14' 56.00"W |
| L23 | 154.00 | N06° 45' 04.00"E |
| L24 | 16.05 | S83° 14' 56.00"E |
| L26 | 18.00 | N06° 45' 04.00"E |
| L27 | 109.00 | S83° 14' 56.00"E |
| L28 | 17.00 | S06° 45' 04.00"W |
| L30 | 16.08 | S83° 14' 56.00"E |
| L32 | 17.00 | N06° 45' 04.00"E |
| L33 | 55.00 | S83° 14' 56.00"E |
| L34 | 14.23 | S06° 45' 04.00"W |
| L36 | 24.71 | N61° 23' 03.58"E |
| L39 | 23.15 | N38° 14' 56.00"W |
| L40 | 25.87 | N06° 45' 04.00"E |
| L41 | 9.71 | N51° 45' 04.00"E |
| L42 | 13.46 | S38° 14' 56.00"E |
| L44 | 23.62 | N06° 45' 04.00"E |
| L46 | 27.17 | N38° 14' 56.00"W |
| L47 | 102.24 | N06° 45' 04.00"E |
| L48 | 9.71 | N51° 45' 04.00"E |
| L49 | 12.05 | S38° 14' 56.00"E |
| L51 | 31.38 | N06° 45' 04.00"E |
| L53 | 0.30 | N83° 14' 56.00"W |
| L54 | 16.00 | N83° 14' 56.00"W |
| L55 | 40.00 | N06° 45' 04.00"E |
| L56 | 16.00 | S83° 14' 56.00"E |
| L57 | 13.53 | S83° 14' 56.00"E |
| L58 | 25.64 | S38° 14' 56.00"E |
| L61 | 182.69 | S06° 45' 04.00"W |
| L62 | 8.04 | N83° 14' 56.00"W |
| L63 | 14.50 | S83° 14' 56.00"E |
| L64 | 181.00 | S06° 45' 04.00"W |
| L65 | 13.50 | N83° 14' 56.00"W |
| L66 | 6.00 | S06° 45' 04.00"W |
| L67 | 13.50 | S83° 14' 56.00"E |

| Line Table | | |
|------------|--------|------------------|
| Line # | Length | Direction |
| L68 | 181.00 | S06° 45' 04.00"W |
| L69 | 16.20 | N83° 14' 56.00"W |
| L70 | 15.50 | S06° 45' 04.00"W |
| L71 | 172.00 | N83° 14' 56.00"W |
| L72 | 13.50 | N06° 45' 04.00"E |
| L73 | 2.31 | N83° 14' 56.00"W |
| L74 | 33.49 | S06° 45' 04.00"W |
| L75 | 18.00 | S06° 45' 04.00"W |
| L76 | 81.22 | N83° 14' 44.00"W |
| L77 | 145.00 | N06° 45' 04.00"E |
| L78 | 13.50 | N83° 14' 56.00"W |
| L80 | 6.00 | N06° 45' 04.00"E |
| L82 | 13.50 | S83° 14' 56.00"E |
| L83 | 154.00 | N06° 45' 04.00"E |
| L84 | 13.31 | N83° 14' 56.00"W |
| L87 | 9.64 | S83° 14' 56.00"E |
| L89 | 311.50 | S06° 45' 04.00"W |
| L91 | 9.64 | N83° 14' 56.00"W |
| L94 | 13.50 | S83° 14' 56.00"E |
| L95 | 30.00 | S83° 14' 56.00"E |
| L98 | 18.00 | N83° 14' 56.00"W |
| L101 | 30.00 | S83° 14' 56.00"E |
| L104 | 18.00 | N83° 14' 56.00"W |
| L107 | 30.00 | S83° 14' 56.00"E |
| L110 | 18.00 | N83° 14' 56.00"W |
| L113 | 30.00 | S83° 14' 56.00"E |
| L114 | 6.00 | S06° 45' 04.00"W |
| L115 | 30.00 | N83° 14' 56.00"W |
| L116 | 6.00 | N06° 45' 04.00"E |
| L117 | 30.00 | S83° 14' 56.00"E |
| L118 | 6.00 | S06° 45' 04.00"W |
| L119 | 30.00 | N83° 14' 56.00"W |
| L120 | 6.00 | N06° 45' 04.00"E |
| L121 | 30.00 | S83° 14' 56.00"E |
| L122 | 6.00 | S06° 45' 04.00"W |
| L123 | 30.00 | N83° 14' 56.00"W |
| L124 | 6.00 | N06° 45' 04.00"E |
| L125 | 18.00 | S83° 14' 56.00"E |
| L126 | 29.62 | N83° 14' 56.00"W |
| L127 | 18.00 | S83° 14' 56.00"E |
| L128 | 29.62 | N83° 14' 56.00"W |
| L129 | 14.50 | N83° 14' 56.00"W |
| L131 | 4.02 | N06° 45' 04.00"E |
| L133 | 22.98 | N61° 23' 03.58"E |
| L135 | 1.77 | S06° 45' 04.00"W |
| L137 | 15.50 | N83° 14' 56.00"W |
| L138 | 18.00 | S06° 45' 04.00"W |
| L139 | 4.85 | S83° 01' 11.64"E |
| L140 | 108.17 | S06° 49' 05.35"W |
| L141 | 4.92 | N83° 14' 27.72"W |

| Line Table | | |
|------------|--------|------------------|
| Line # | Length | Direction |
| L142 | 108.19 | N06° 51' 03.36"E |
| L143 | 48.75 | N06° 45' 04.00"E |
| L144 | 2.87 | S83° 14' 56.00"E |
| L146 | 2.25 | S55° 11' 03.05"W |
| L147 | 10.33 | N34° 48' 56.95"W |
| L149 | 290.59 | N83° 14' 30.32"W |
| L151 | 16.77 | S77° 53' 50.22"W |
| L152 | 2.67 | N15° 27' 38.73"W |
| L154 | 3.01 | S78° 36' 38.14"E |
| L155 | 11.96 | S11° 23' 21.86"W |
| L156 | 5.12 | S78° 36' 38.14"E |
| L159 | 5.00 | N46° 20' 21.51"E |
| L160 | 16.48 | N77° 53' 50.22"E |
| L166 | 205.71 | S06° 45' 04.00"W |
| L169 | 195.10 | N06° 45' 04.00"E |
| L172 | 427.00 | S06° 45' 04.00"W |
| L174 | 419.60 | N06° 45' 04.00"E |
| L178 | 5.00 | N06° 45' 04.00"E |
| L179 | 78.54 | S83° 14' 56.00"E |
| L180 | 29.50 | N06° 45' 04.00"E |
| L181 | 10.11 | S06° 45' 04.00"W |
| L182 | 64.96 | S83° 14' 56.00"E |
| L184 | 12.77 | S06° 45' 04.00"W |
| L185 | 84.33 | N83° 14' 56.00"W |
| L186 | 5.00 | S06° 45' 04.00"W |
| L187 | 10.33 | S34° 48' 56.95"E |
| L188 | 5.00 | S19° 17' 07.59"E |

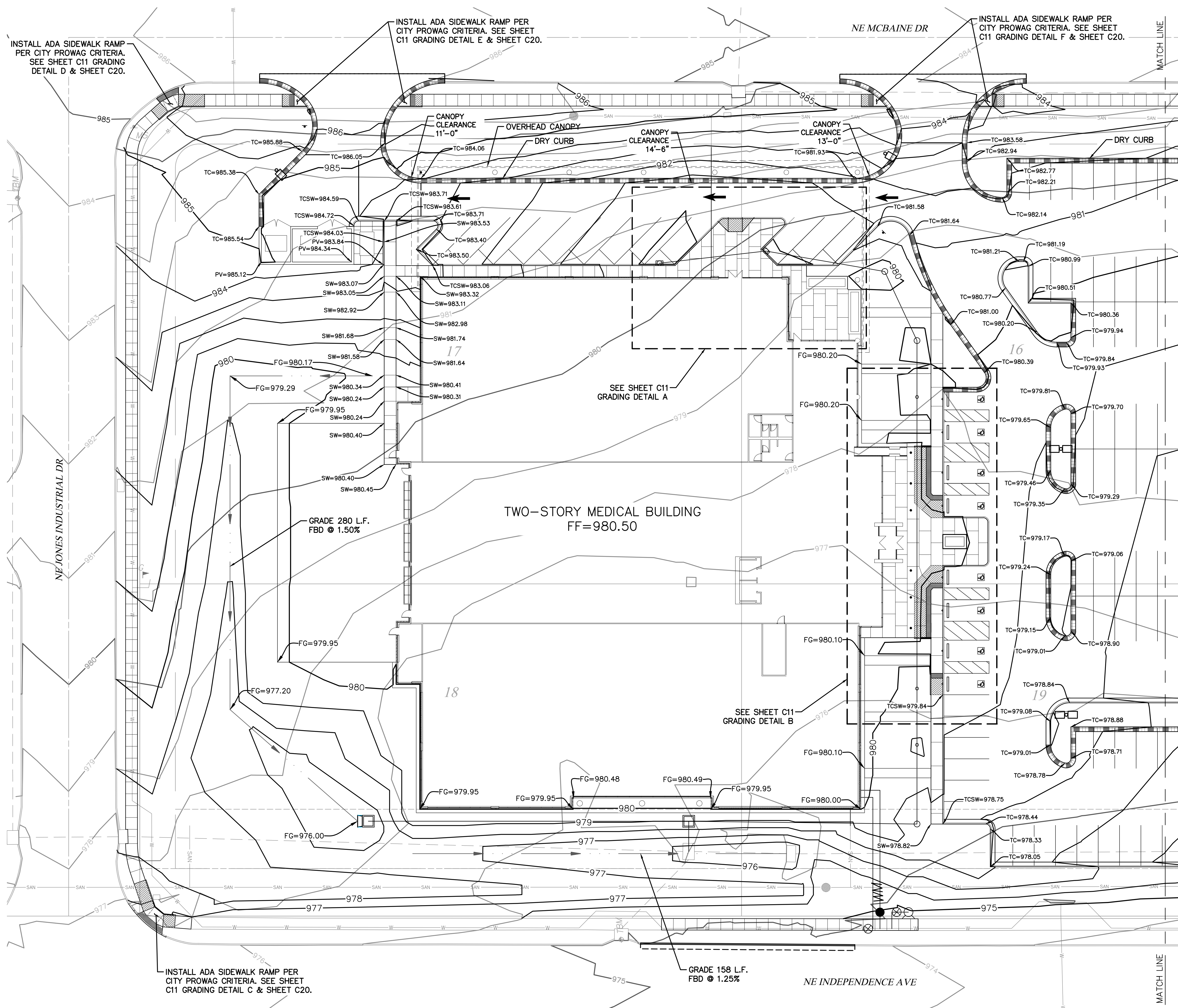
| Curve Table | | | |
|-------------|--------|--------|--------|
| Curve # | Length | Radius | Delta |
| C1 | 24.60 | 15.00 | 093.97 |
| C2 | 12.01 | 8.00 | 086.03 |
| C3 | 3.14 | 2.00 | 090.00 |
| C4 | 4.71 | 3.00 | 090.00 |
| C5 | 3.14 | 2.00 | 090.00 |
| C6 | 3.14 | 2.00 | 090.00 |
| C7 | 3.14 | 2.00 | 090.00 |
| C8 | 3.14 | 2.00 | 090.00 |
| C9 | 3.14 | 2.00 | 090.00 |
| C10 | 3.14 | 2.00 | 090.00 |
| C11 | 3.14 | 2.00 | 090.00 |
| C12 | 8.75 | 4.00 | 125.37 |
| C13 | 41.62 | 114.00 | 020.92 |
| C14 | 16.83 | 8.00 | 120.55 |
| C15 | 4.71 | 2.00 | 135.00 |
| C16 | 1.57 | 2.00 | 045.00 |
| C17 | 4.71 | 2.00 | 135.00 |
| C18 | 3.14 | 2.00 | 090.00 |
| C19 | 23.16 | 15.00 | 088.48 |
| C20 | 20.34 | 25.00 | 046.62 |
| C21 | 39.41 | 25.06 | 090.09 |
| C22 | 23.49 | 14.96 | 089.97 |
| C24 | 36.64 | 18.00 | 116.61 |
| C25 | 27.53 | 25.00 | 063.09 |
| C26 | 39.31 | 25.00 | 090.10 |
| C28 | 23.39 | 15.00 | 089.33 |
| C29 | 3.16 | 2.00 | 090.67 |
| C31 | 9.54 | 10.00 | 054.63 |
| C33 | 3.14 | 2.00 | 090.00 |
| C34 | 13.40 | 40.43 | 018.99 |
| C35 | 3.14 | 2.00 | 090.00 |
| C36 | 11.52 | 35.00 | 018.86 |
| C37 | 12.97 | 40.00 | 018.57 |
| C38 | 12.68 | 15.00 | 048.43 |
| C39 | 3.14 | 2.00 | 090.00 |
| C40 | 10.43 | 37.20 | 016.07 |
| C41 | 16.90 | 20.00 | 048.43 |
| C43 | 3.14 | 2.00 | 090.00 |
| C45 | 12.57 | 8.00 | 090.00 |
| C49 | 3.14 | 2.00 | 090.00 |
| C50 | 3.14 | 2.00 | 090.00 |
| C51 | 3.65 | 2.00 | 104.48 |
| C52 | 10.54 | 8.00 | 075.52 |
| C53 | 12.57 | 8.00 | 090.00 |
| C54 | 12.57 | 8.00 | 090.00 |
| C55 | 12.57 | 8.00 | 090.00 |
| C56 | 3.14 | 2.00 | 090.00 |
| C57 | 3.14 | 2.00 | 090.00 |
| C58 | 12.57 | 8.00 | 090.00 |
| C59 | 12.57 | 8.00 | 090.00 |

| Curve Table | | | |
|-------------|--------|--------|--------|
| Curve # | Length | Radius | Delta |
| C60 | 3.14 | 2.00 | 090.00 |
| C61 | 3.14 | 2.00 | 090.00 |
| C62 | 12.57 | 8.00 | 090.00 |
| C63 | 12.57 | 8.00 | 090.00 |
| C64 | 3.14 | 2.00 | 090.00 |
| C65 | 3.14 | 2.00 | 090.00 |
| C66 | 12.57 | 8.00 | 090.00 |
| C67 | 12.57 | 8.00 | 090.00 |
| C68 | 3.14 | 2.00 | 090.00 |
| C69 | 3.14 | 2.00 | 090.00 |
| C71 | 3.14 | 2.00 | 090.00 |
| C73 | 3.14 | 2.00 | 090.00 |
| C75 | 3.14 | 2.00 | 090.00 |
| C77 | 3.14 | 2.00 | 090.00 |
| C79 | 3.14 | 2.00 | 090.00 |
| C81 | 3.14 | 2.00 | 090.00 |
| C83 | 3.14 | 2.00 | 090.00 |
| C85 | 3.14 | 2.00 | 090.00 |
| C87 | 3.14 | 2.00 | 090.00 |
| C89 | 3.14 | 2.00 | 090.00 |
| C91 | 3.14 | 2.00 | 090.00 |
| C93 | 3.65 | 2.00 | 104.48 |
| C94 | 10.54 | 8.00 | 075.52 |
| C96 | 10.54 | 8.00 | 075.52 |
| C97 | 3.65 | 2.00 | 104.48 |
| C99 | 3.65 | 2.00 | 104.48 |
| C100 | 10.54 | 8.00 | 075.52 |
| C102 | 10.54 | 8.00 | 075.52 |
| C103 | 3.65 | 2.00 | 104.48 |
| C105 | 3.14 | 2.00 | 090.00 |
| C107 | 15.32 | 7.00 | 125.37 |
| C108 | 3.14 | 2.00 | 090.00 |

Date 9/22/17
Job Number 170534-010
Drawn By ELM
Checked By MDM

| Revisions | Number | Date | Description |
|-----------|--------|----------|---------------|
| | 1 | 10/30/17 | CITY COMMENTS |

C08



- GRADING PLAN NOTES:**
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 2. ALL ELEVATIONS SHOWN ARE TO FINISHED GRADE.
 3. ALL GRADING OPERATIONS, EXCAVATION, FILL, COMPACTION TESTING, AND BACKFILL SHALL BE OBSERVED AND TESTED BY A QUALIFIED GEOTECHNICAL ENGINEER. NO PAVEMENTS SHALL BE PLACED PRIOR TO APPROVAL OF THE SUBGRADE BY THE GEOTECHNICAL ENGINEER.
 4. SIDEWALK AND STOOP ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR SO THAT THE SIDEWALK ELEVATIONS AND FINISHED FLOOR ELEVATIONS ARE COORDINATED FOR PROPER INGRESS/EGRESS. ALL DOORS SHALL HAVE A 5-FT OUTSIDE LANDING WITH 1.5% SLOPE AWAY FROM THE BUILDING.
 5. THE FINISH GRADING AROUND THE BUILDING SHALL BE SUCH THAT POSITIVE DRAINAGE IS PROVIDED AWAY FROM THE BUILDING AND THAT NO PONDING OF WATER WILL EXIST. SUBGRADE OF GRASS AND LANDSCAPE AREAS SHALL BE SET AT THE SIDEWALK, PAVEMENT, AND OR TOP OF CURB ELEVATION SO THAT STORMWATER CAN FLOW WITHOUT PONDING.
 6. PARKING GRADES SHALL BE VERIFIED TO CONFIRM POSITIVE DRAINAGE IS MAINTAINED WITHOUT THE PRESENCE OF PONDING WATER.
 7. ALL ADA PARKING STALLS AND ADA ACCESS ACROSS PARKING AISLES SHALL HAVE LESS THAN 2% SLOPE IN ANY DIRECTION.
 8. ALL SIDEWALKS SHALL HAVE A CROSS SLOPE OF 1.5% (2.0% MAX) AND LESS THAN 5% RUN SLOPE.
 9. ANY PROPERTY LINE AND RIGHT-OF-WAY MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE BY A REGISTERED LAND SURVEYOR.

- LEGEND**
- DENOTES NEW CURB RAMP
 - DENOTES NEW CURB & GUTTER (WET)
 - DENOTES NEW CURB & GUTTER (DRY)

- LEGEND**
- 924- EXISTING 1' CONTOUR
 - 925- EXISTING 5' CONTOUR
 - 929- PROPOSED 1' CONTOUR
 - 930- PROPOSED 5' CONTOUR
 - TC TOP OF CURB ELEVATION
 - SW SIDEWALK ELEVATION
 - PV PAVEMENT ELEVATION
 - ME MATCH EXISTING ELEVATION
 - FG FINISHED GRADE ELEVATION
 - FBD FLAT BOTTOM DITCH



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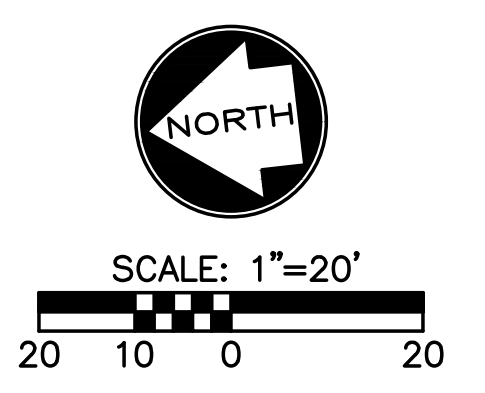
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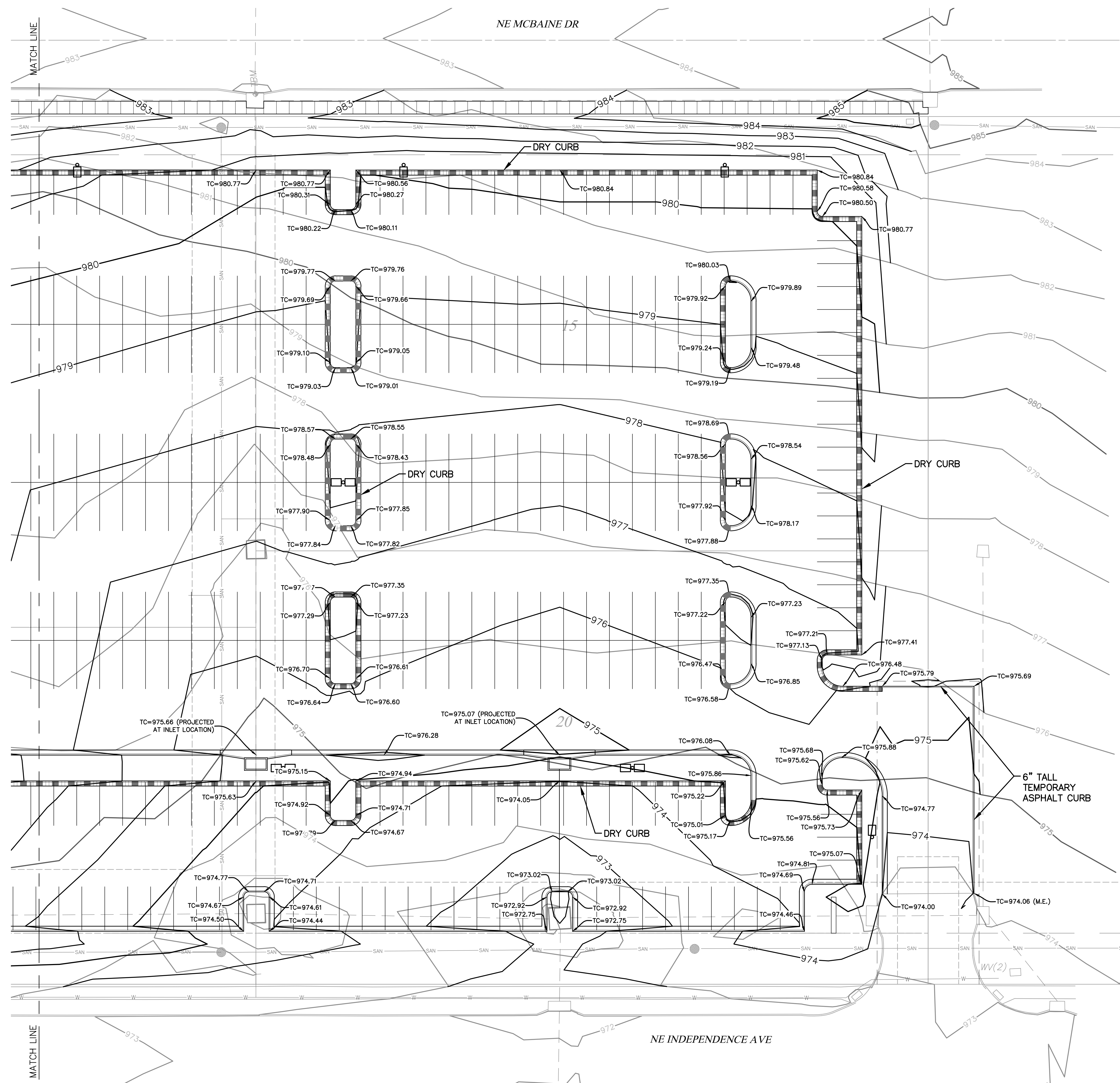
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 State Certificate of Authority #2002018767

Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

| | |
|------------|------------|
| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | ELM |
| Checked By | MDM |

| Revisions | Number | Date | Description |
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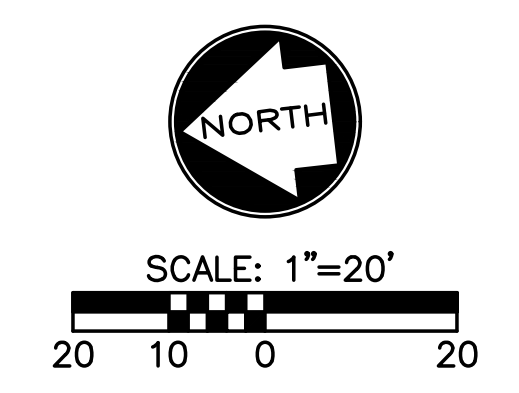
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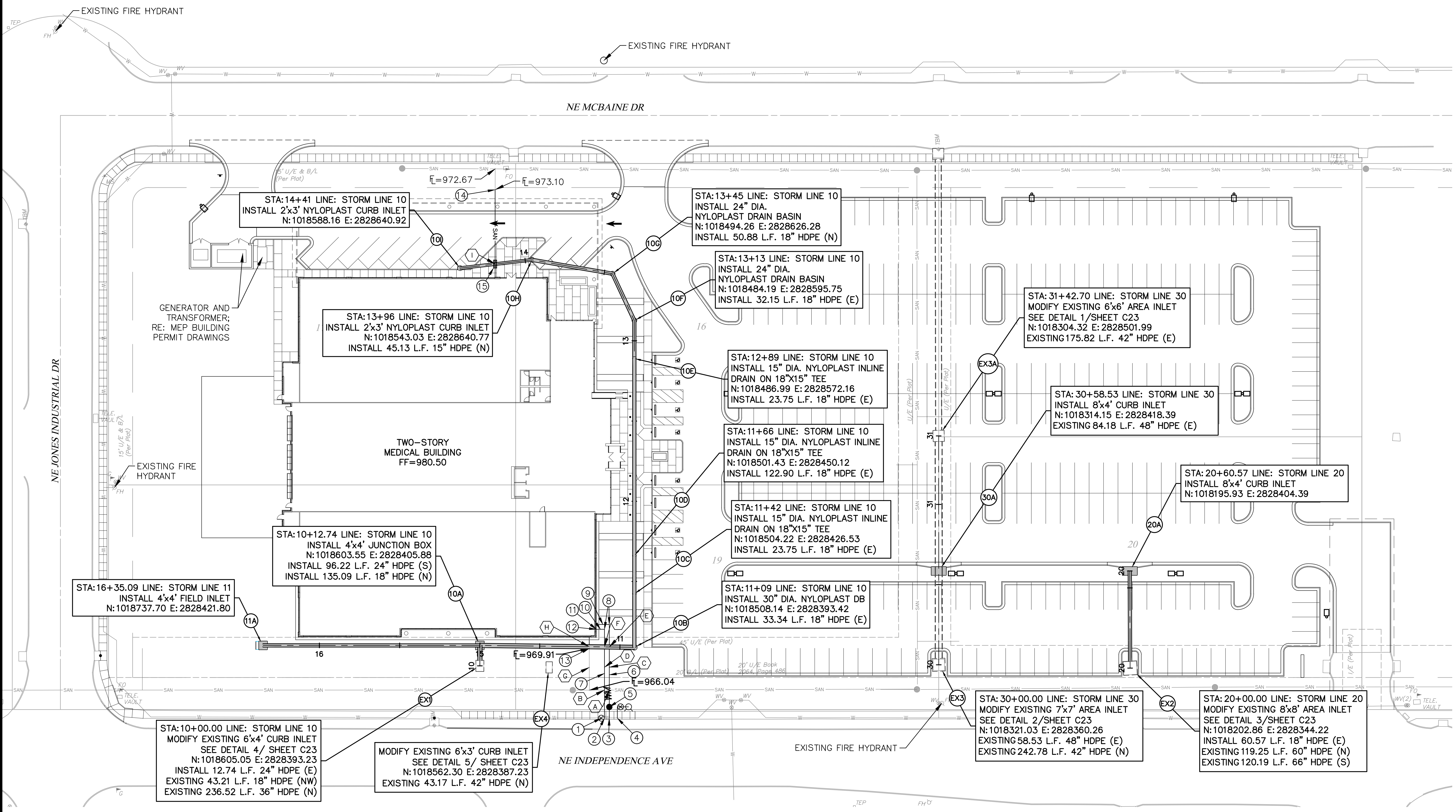
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

| | |
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| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | ELM |
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| Revisions | Number | Date | Description |
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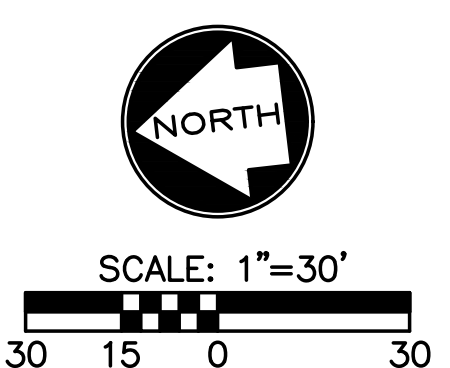


- KEYNOTES:**
- INSTALL 8" GATE VALVE ON WATER MAIN.
 - INSTALL 8"x6" TEE WITH 6" GATE VALVE TO EAST.
 - INSTALL 8"x6" TEE WITH A 6" TO 3" REDUCER TO EAST AND 7 L.F. 3" DOMESTIC SERVICE LINE.
 - INSTALL STANDARD HYDRANT ASSEMBLY.
 - INSTALL A 3" WATER METER.
 - INSTALL 51.4 L.F. 6" DOMESTIC SERVICE LINE.
 - INSTALL 55.4 L.F. 6" FIRE LINE.
 - INSTALL 90° BEND.
 - INSTALL 8.0 L.F. 3" DOMESTIC SERVICE LINE.
 - INSTALL 5 L.F. OF 6" FIRE LINE.
 - DOUBLE CHECK DETECTOR/FIRE RISER IN BUILDING; RE: MEP BUILDING PERMIT DRAWINGS.
 - INSTALL FIRE DEPARTMENT CONNECTION ON OUTSIDE FACE OF BUILDING.
 - CONNECT TO EXISTING SANITARY STUB @ \bar{E} 969.91 AND INSTALL 6.91 L.F. OF 4" PVC SDR-26 AND CONNECT TO THE BUILDING SANITARY SEWER.
 - CONNECT TO EXISTING SANITARY SEWER STUB @ 973.10 AND INSTALL 54.81 L.F. OF 4" PVC SDR-26 AND CONNECT TO THE BUILDING SANITARY SEWER.
 - INSTALL 5 L.F. OF CONCRETE ENCASEMENT AROUND SANITARY SEWER LINE.

- UTILITY PLAN NOTES:**
- ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS ONLY AND HAVE BEEN COMPILED FROM THE LATEST AVAILABLE MAPPING, FIELD LOCATES, AND AS-BUILTS. THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
 - GENERAL CONTRACTOR TO COORDINATE WITH THE LOCAL UTILITY COMPANIES FOR ALL LOCATIONS AND SERVICE CONNECTIONS.
 - THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES BY VARIOUS MEANS PRIOR TO BEGINNING ANY EXCAVATION. THE CONTRACTOR SHALL CONTACT ENGINEER IN THE EVENT OF ANY UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
 - THE CONTRACTOR SHALL ENSURE THAT ALL UTILITY COMPANIES AND CITY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET. THE CONTRACTOR SHALL PERFORM PROPER COORDINATION WITH THE RESPECTIVE UTILITY COMPANY. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY COMPANIES AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTION, RELOCATIONS, INSPECTIONS, AND DEMOLITION.
 - ALL VALVE PITS SHALL BE ADJUSTED TO FINAL GRADE.
 - SANITARY SERVICE LATERAL SHALL MAINTAIN MINIMUM OF 10-FT HORIZONTAL AND 1.5-FT VERTICAL SEPARATION DISTANCE FROM WATER LINES. WATER LINES SHALL BE INSTALLED TO MAINTAIN A MINIMUM OF 42-INCHES OF COVER OVER THE PIPE. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE ELEVATION OF THE WATER LINE TO AVOID OTHER UTILITIES AND UNDERGROUND OBSTRUCTIONS.

- THIS PLAN DETAILS PIPES UP TO 5-FT FROM THE BUILDING FACE. REFER TO THE BUILDING DRAWINGS FOR BUILDING CONNECTIONS.
- ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT AND REPLACED IN ACCORDANCE WITH THE PAVEMENT REPAIR REQUIREMENTS OF THE GOVERNING AUTHORITY.
- COPPER PIPE SHALL BE TYPE K TUBING WITH COMPRESSION FITTINGS.
- ALL SANITARY SEWER SERVICE LINES SHALL BE SDR-26 PVC PIPE. ALL PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH CITY REQUIREMENTS.
- ELECTRICAL SERVICE LINES SHOWN ON THE PLAN SHALL BE INSTALLED IN CONDUITS IN ACCORDANCE WITH KCPL&L'S STANDARD REQUIREMENTS.
- SANITARY SEWER AND STORM SEWER LINES SHALL BE INSTALLED TO MAINTAIN POSITIVE SLOPE. THE CONTRACTOR SHALL VERIFY THAT EACH RUN OF PIPE CAN BE INSTALLED WITH A POSITIVE SLOPE WITHOUT INTERFERENCE WITH OTHER UNDERGROUND UTILITIES OR OBSTRUCTIONS PRIOR TO INSTALLING THE LINE.
- PROVIDE CONCRETE THRUST BLOCKS AT ALL FIRE LINE TEES AND HORIZONTAL OR VERTICAL BEND FITTINGS.
- COORDINATE SIZING OF FIRE LINE, DOUBLE CHECK DETECTOR ASSEMBLY, AND ASSOCIATED VAULT WITH BUILDING FIRE SUPPRESSION SYSTEM DESIGN, BY OTHERS.

| (A) PIPE SEPARATION | | | | |
|---------------------|-------------------|-------------------|------------|--------------------------|
| CROSSING | PIPE 1 | PIPE 2 | SEPARATION | NOTES |
| A | PROPOSED WATER | EXISTING SANITARY | ±4.45' | FIELD VERIFY |
| B | PROPOSED WATER | EXISTING SANITARY | ±4.44' | FIELD VERIFY |
| C | PROPOSED WATER | EXISTING STORM | ±3.64' | FIELD VERIFY |
| D | PROPOSED WATER | EXISTING STORM | ±3.66' | FIELD VERIFY |
| E | PROPOSED WATER | PROPOSED STORM | ±3.22' | |
| F | PROPOSED WATER | PROPOSED STORM | ±3.22' | |
| G | EXISTING SANITARY | EXISTING STORM | ±0.45' | FIELD VERIFY |
| H | PROPOSED SANITARY | PROPOSED STORM | ±2.00' | |
| I | PROPOSED SANITARY | PROPOSED STORM | ±0.73' | CONCRETE ENCASE SANITARY |



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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

Date: 9/22/17
Job Number: 170534-010
Drawn By: ELM
Checked By: MDM

Revisions
Number: 1 Date: 10/30/17 Description: CITY COMMENTS



Mark Daniel McGhee Jr.
Civil Engineer
MO# PE-2008019568



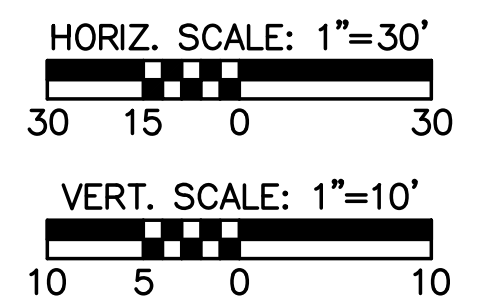
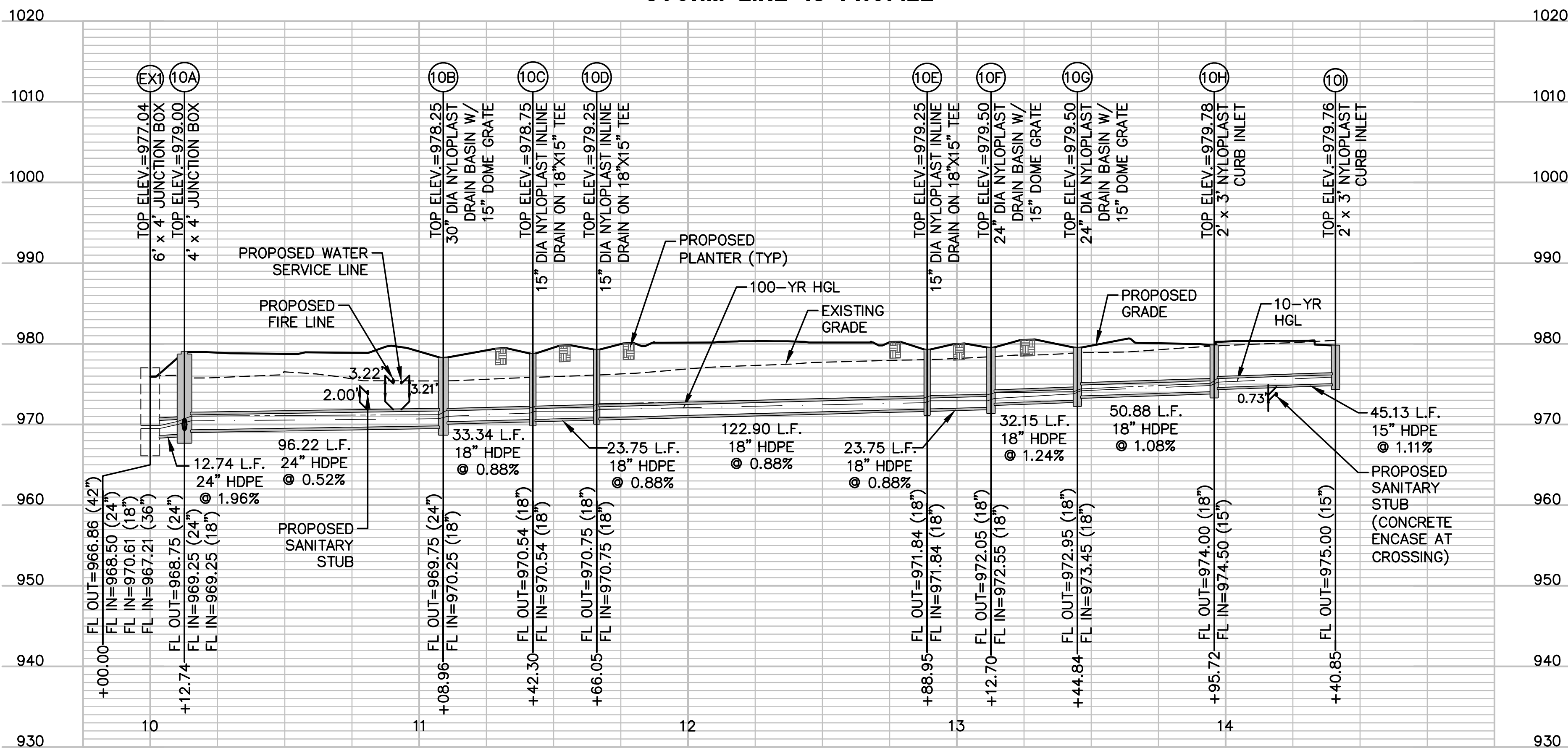
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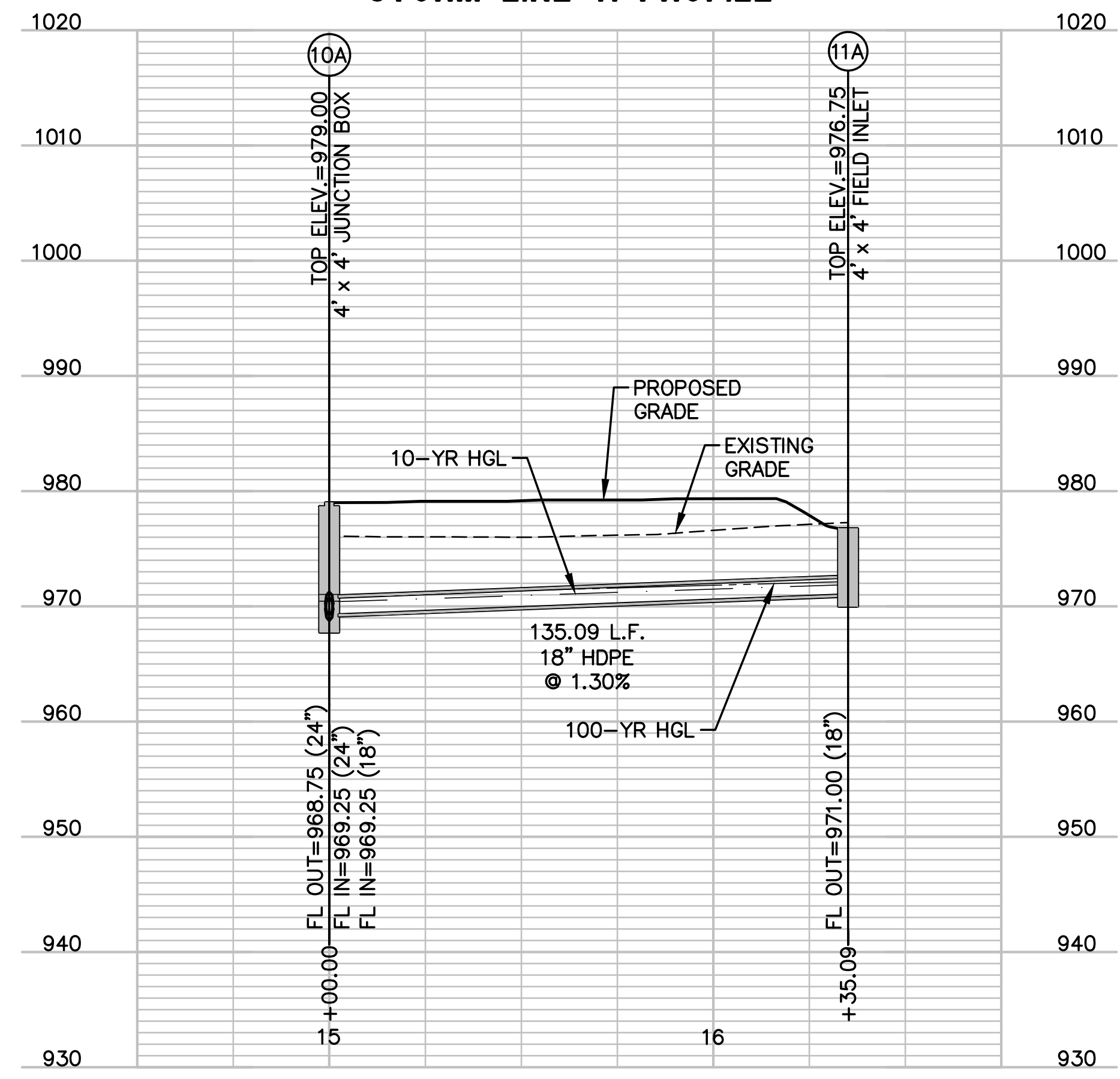
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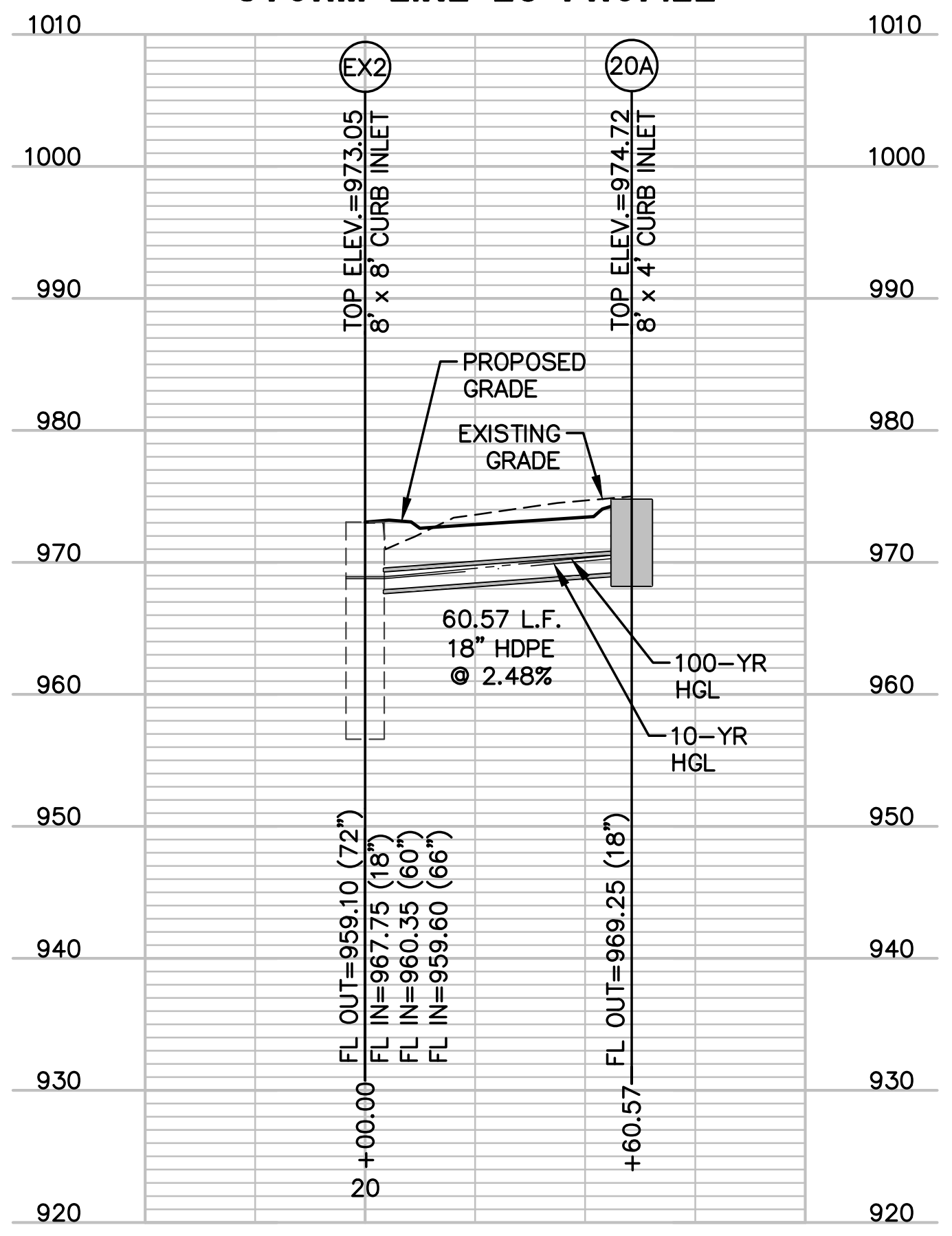
STORM LINE 10 PROFILE



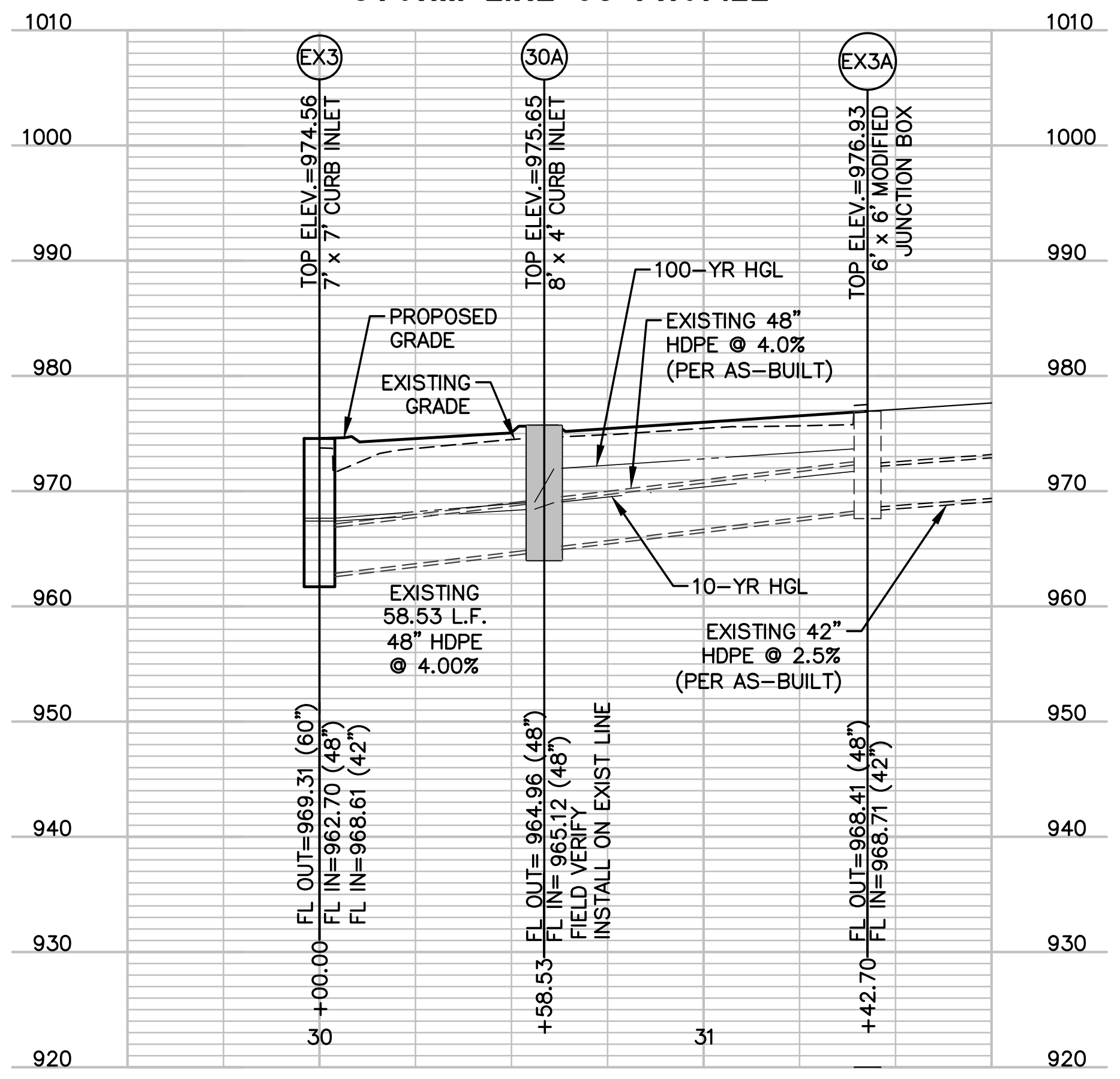
STORM LINE 11 PROFILE



STORM LINE 20 PROFILE



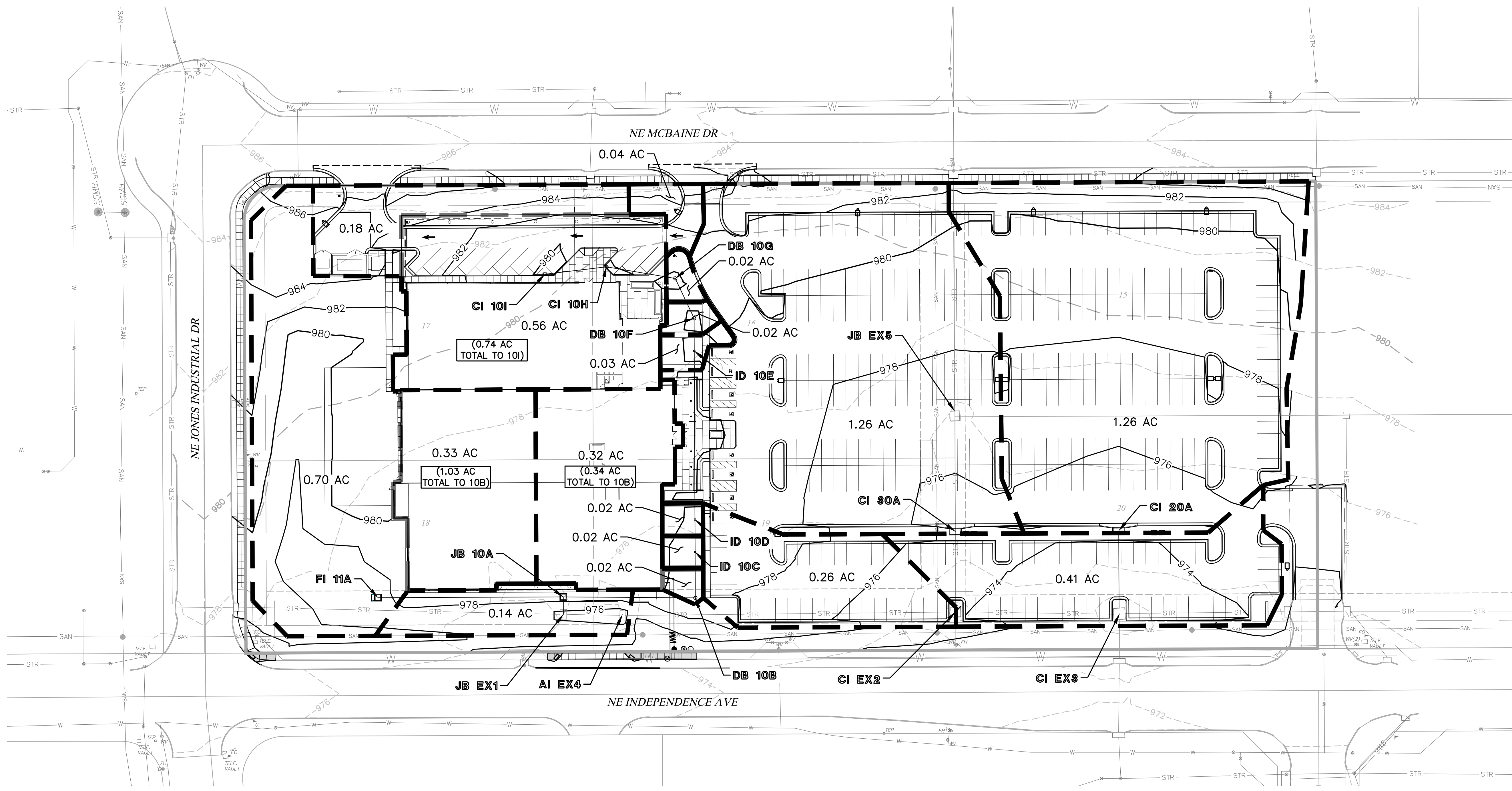
STORM LINE 30 PROFILE



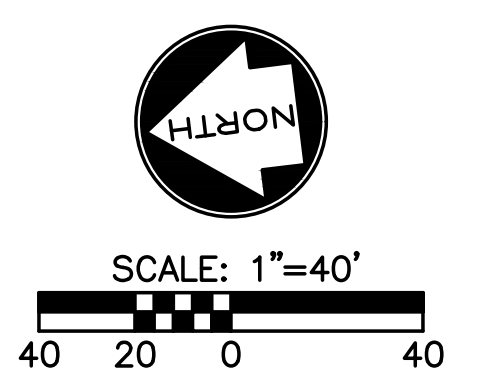
Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

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SEE SHEET C15 FOR STORM CALCULATION SUMMARY



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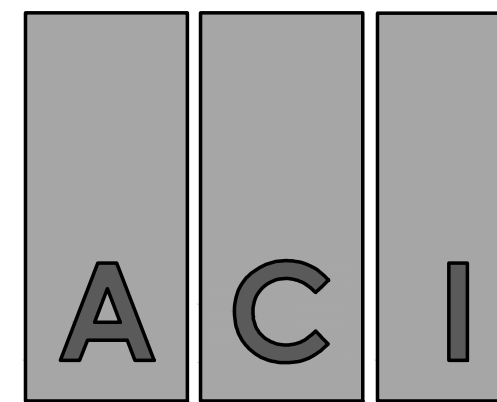
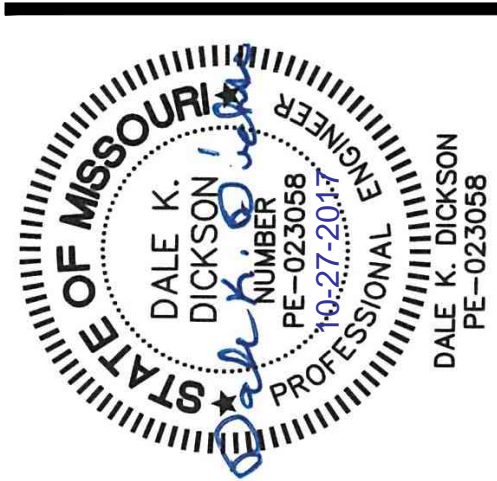
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C14

| 10-YEAR STORM DRAINAGE CALCULATIONS: LEE'S SUMMIT SURGICAL CENTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|------|------|-----------------|------------------|-------------------|-------------|-------------|------|------|-------|-----------|-----------|----------------|--------------------|---------------|----------|------------------|--------|--------|-----------|---------|-------------|-----------|------------|------------|------------------|--------------|
| LINE NO. | STR. NO. | "C" | "A" | ADD. AREA (AC.) | TOTAL AREA (AC.) | TOTAL "Axc" (AC.) | "Tc" (MIN.) | I. RUNOFF | | "K" | C x K | C x K x A | "I" (IN.) | Inc. "Q" (CFS) | DESIGN FREQ. (YR.) | II. STRUCTURE | | III. PIPE DESIGN | | "n" | "L" (FT.) | "S" (%) | "Tt" (MIN.) | "d" (IN.) | "Vd" (FPS) | "Vt" (FPS) | Total "Qd" (CFS) | "Qcap" (CFS) |
| | | | | | | | | FREQ. (YR.) | "Q" | | | | | | | UP STR. | LOW STR. | "D" (IN.) | "TYPE" | | | | | | | | | |
| 10 | 10 I | 0.82 | 0.74 | | 0.74 | 0.61 | 5.00 | 10 | 1.00 | 0.82 | 0.61 | 7.35 | 4.46 | 10 | 10 I | 10 E | 15 | HDPE | 0.013 | 45.13 | 1.11 | 0.13 | 8.85 | 5.92 | 5.55 | 4.46 | 6.81 | |
| | | | | | | | | 25 | 1.10 | 0.90 | 0.67 | 8.53 | 5.68 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 0.74 | 10.32 | 7.64 | | | | | | | | | | | | | | | |
| | 10 H | 0.85 | 0.04 | | 0.78 | 0.66 | 5.00 | 10 | 1.00 | 0.85 | 0.03 | 7.35 | 0.25 | 10 | 10 H | 10 G | 18 | HDPE | 0.013 | 50.88 | 1.08 | 0.14 | 8.26 | 5.95 | 6.18 | 4.71 | 10.92 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 0.04 | 8.53 | 0.32 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 0.04 | 10.32 | 0.41 | | | | | | | | | | | | | | | |
| | 10 G | 0.50 | 0.02 | | 0.80 | 0.40 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 10 | 10 G | 10 F | 18 | HDPE | 0.013 | 32.15 | 1.24 | 0.09 | 8.01 | 6.29 | 6.62 | 4.78 | 11.70 | |
| | | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | |
| | 10 F | 0.50 | 0.02 | | 0.82 | 0.41 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 10 | 10 F | 10 E | 18 | HDPE | 0.013 | 23.75 | 0.88 | 0.07 | 8.91 | 5.56 | 5.58 | 4.85 | 9.85 | |
| | | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | |
| 10 E | 0.50 | 0.03 | | 0.85 | 0.43 | 5.00 | 10 | 1.00 | 0.50 | 0.02 | 7.35 | 0.11 | 10 | 10 E | 10 D | 18 | HDPE | 0.013 | 122.90 | 0.88 | 0.37 | 9.02 | 5.60 | 5.58 | 4.96 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.02 | 8.53 | 0.14 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.02 | 10.32 | 0.20 | | | | | | | | | | | | | | | | |
| 10 D | 0.50 | 0.02 | | 0.87 | 0.44 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 10 | 10 D | 10 C | 18 | HDPE | 0.013 | 23.75 | 0.88 | 0.07 | 9.11 | 5.61 | 5.58 | 5.03 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | | |
| 10 C | 0.50 | 0.02 | | 0.89 | 0.45 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 10 | 10 C | 10 B | 18 | HDPE | 0.013 | 33.34 | 0.88 | 0.10 | 9.18 | 5.63 | 5.58 | 5.10 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | | |
| 10 B | 0.86 | 0.34 | | 1.23 | 0.74 | 5.00 | 10 | 1.00 | 0.86 | 0.29 | 7.35 | 2.15 | 10 | 10 B | 10 A | 24 | HDPE | 0.013 | 96.22 | 0.52 | 0.32 | 11.18 | 5.05 | 5.19 | 7.25 | 16.31 | | |
| | | | | | | | 25 | 1.10 | 0.95 | 0.32 | 8.53 | 2.76 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 1.00 | 0.34 | 10.32 | 3.51 | | | | | | | | | | | | | | | | |
| 10 A | 0.85 | 0.00 | 1.03 | 2.26 | 1.39 | 5.00 | 10 | 1.00 | 0.85 | 0.00 | 7.35 | 0.00 | 10 | 10 A | EX 1 | 24 | HDPE | 0.013 | 12.74 | 1.96 | 0.02 | 10.25 | 9.39 | 10.08 | 12.02 | 31.67 | | |
| | | | | | | | 25 | 1.10 | 0.94 | 0.00 | 8.53 | 0.00 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 1.00 | 0.00 | 10.32 | 0.00 | | | | | | | | | | | | | | | | |
| 11 | 11 A | 0.63 | 1.03 | | 1.03 | 0.65 | 5.00 | 10 | 1.00 | 0.63 | 0.65 | 7.35 | 4.77 | 10 | 11 A | EX CI | 18 | HDPE | 0.013 | 135.09 | 1.30 | 0.35 | 7.88 | 6.41 | 6.78 | 4.77 | 11.98 | |
| | | | | | | | | 25 | 1.10 | 0.69 | 0.71 | 8.53 | 6.06 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.79 | 0.81 | 10.32 | 8.40 | | | | | | | | | | | | | | | |
| 20 | 20 A | 0.85 | 1.26 | | 1.26 | 1.07 | 5.00 | 10 | 1.00 | 0.85 | 1.07 | 7.35 | 7.88 | 10 | 20 A | EX 2 | 18 | HDPE | 0.013 | 60.57 | 2.48 | 0.11 | 8.73 | 9.27 | 9.36 | 7.88 | 16.54 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 1.18 | 8.53 | 10.10 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 1.26 | 10.32 | 13.01 | | | | | | | | | | | | | | | |
| 30 | 30 A | 0.85 | 1.26 | 21.91 | 23.17 | 19.69 | 5.00 | 10 | 1.00 | 0.85 | 1.07 | 7.35 | 7.88 | 10 | 30 A | EX 3 | 48 | HDPE | 0.013 | 58.53 | 4.00 | 0.04 | 22.46 | 22.28 | 22.86 | 128.60 | 287.29 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 1.18 | 8.53 | 10.10 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 1.26 | 10.32 | 13.01 | | | | | | | | | | | | | | | |

| 100-YEAR STORM DRAINAGE CALCULATIONS: LEE'S SUMMIT SURGICAL CENTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------|------|------|-----------------|------------------|-------------------|-------------|-------------|------|------|-------|-----------|-----------|----------------|--------------------|---------------|----------|------------------|--------|--------|-----------|---------|-------------|-----------|------------|------------|------------------|--------------|
| LINE NO. | STR. NO. | "C" | "A" | ADD. AREA (AC.) | TOTAL AREA (AC.) | TOTAL "Axc" (AC.) | "Tc" (MIN.) | I. RUNOFF | | "K" | C x K | C x K x A | "I" (IN.) | Inc. "Q" (CFS) | DESIGN FREQ. (YR.) | II. STRUCTURE | | III. PIPE DESIGN | | "n" | "L" (FT.) | "S" (%) | "Tt" (MIN.) | "d" (IN.) | "Vd" (FPS) | "Vt" (FPS) | Total "Qd" (CFS) | "Qcap" (CFS) |
| | | | | | | | | FREQ. (YR.) | "Q" | | | | | | | UP STR. | LOW STR. | "D" (IN.) | "TYPE" | | | | | | | | | |
| 10 | 10 I | 0.82 | 0.74 | | 0.74 | 0.61 | 5.00 | 10 | 1.00 | 0.82 | 0.61 | 7.35 | 4.46 | 100 | 10 I | 10 E | 15 | HDPE | 0.013 | 45.13 | 1.11 | SUR | SUR | SUR | 5.55 | 7.64 | 6.81 | |
| | | | | | | | | 25 | 1.10 | 0.90 | 0.67 | 8.53 | 5.68 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 0.74 | 10.32 | 7.64 | | | | | | | | | | | | | | | |
| | 10 H | 0.85 | 0.04 | | 0.78 | 0.66 | 5.00 | 10 | 1.00 | 0.85 | 0.03 | 7.35 | 0.25 | 100 | 10 H | 10 G | 18 | HDPE | 0.013 | 50.88 | 1.08 | 0.13 | 11.48 | 6.76 | 6.18 | 8.05 | 10.92 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 0.04 | 8.53 | 0.32 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 0.04 | 10.32 | 0.41 | | | | | | | | | | | | | | | |
| | 10 G | 0.50 | 0.02 | | 0.80 | 0.40 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 100 | 10 G | 10 F | 18 | HDPE | 0.013 | 32.15 | 1.24 | 0.07 | 11.09 | 7.16 | 6.62 | 8.18 | 11.70 | |
| | | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | |
| | 10 F | 0.50 | 0.02 | | 0.82 | 0.41 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 100 | 10 F | 10 E | 18 | HDPE | 0.013 | 23.75 | 0.88 | 0.06 | 12.65 | 6.26 | 5.58 | 8.31 | 9.85 | |
| | | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | |
| 10 E | 0.50 | 0.03 | | 0.85 | 0.43 | 5.00 | 10 | 1.00 | 0.50 | 0.02 | 7.35 | 0.11 | 100 | 10 E | 10 D | 18 | HDPE | 0.013 | 122.90 | 0.88 | 0.33 | 12.91 | 6.28 | 5.58 | 8.51 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.02 | 8.53 | 0.14 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.02 | 10.32 | 0.20 | | | | | | | | | | | | | | | | |
| 10 D | 0.50 | 0.02 | | 0.87 | 0.44 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 100 | 10 D | 10 C | 18 | HDPE | 0.013 | 23.75 | 0.88 | 0.06 | 13.05 | 6.30 | 5.58 | 8.64 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | | |
| 10 C | 0.50 | 0.02 | | 0.89 | 0.45 | 5.00 | 10 | 1.00 | 0.50 | 0.01 | 7.35 | 0.07 | 100 | 10 C | 10 B | 18 | HDPE | 0.013 | 33.34 | 0.88 | 0.09 | 13.21 | 6.31 | 5.58 | 8.77 | 9.85 | | |
| | | | | | | | 25 | 1.10 | 0.55 | 0.01 | 8.53 | 0.09 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 0.63 | 0.01 | 10.32 | 0.13 | | | | | | | | | | | | | | | | |
| 10 B | 0.86 | 0.34 | | 1.23 | 0.74 | 5.00 | 10 | 1.00 | 0.86 | 0.29 | 7.35 | 2.15 | 100 | 10 B | 10 A | 24 | HDPE | 0.013 | 96.22 | 0.52 | 0.28 | 15.53 | 5.71 | 5.19 | 12.28 | 16.31 | | |
| | | | | | | | 25 | 1.10 | 0.95 | 0.32 | 8.53 | 2.76 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 1.00 | 0.34 | 10.32 | 3.51 | | | | | | | | | | | | | | | | |
| 10 A | 0.85 | 0.00 | 1.03 | 2.26 | 1.39 | 5.00 | 10 | 1.00 | 0.85 | 0.00 | 7.35 | 0.00 | 100 | 10 A | EX 1 | 24 | HDPE | 0.013 | 12.74 | 1.96 | 0.02 | 14.14 | 10.74 | 10.08 | 20.68 | 31.67 | | |
| | | | | | | | 25 | 1.10 | 0.94 | 0.00 | 8.53 | 0.00 | | | | | | | | | | | | | | | | |
| | | | | | | | 100 | 1.25 | 1.00 | 0.00 | 10.32 | 0.00 | | | | | | | | | | | | | | | | |
| 11 | 11 A | 0.63 | 1.03 | | 1.03 | 0.65 | 5.00 | 10 | 1.00 | 0.63 | 0.65 | 7.35 | 4.77 | 100 | 11 A | EX CI | 18 | HDPE | 0.013 | 135.09 | 1.30 | 0.31 | 11.11 | 7.34 | 6.78 | 8.40 | 11.98 | |
| | | | | | | | | 25 | 1.10 | 0.69 | 0.71 | 8.53 | 6.06 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 0.79 | 0.81 | 10.32 | 8.40 | | | | | | | | | | | | | | | |
| 20 | 20 A | 0.85 | 1.26 | | 1.26 | 1.07 | 5.00 | 10 | 1.00 | 0.85 | 1.07 | 7.35 | 7.88 | 100 | 20 A | EX 2 | 18 | HDPE | 0.013 | 60.57 | 2.48 | 0.10 | 12.02 | 10.37 | 9.36 | 13.01 | 16.54 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 1.18 | 8.53 | 10.10 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 1.26 | 10.32 | 13.01 | | | | | | | | | | | | | | | |
| 30 | 30 A | 0.85 | 1.26 | 21.91 | 23.17 | 19.69 | 5.00 | 10 | 1.00 | 0.85 | 1.07 | 7.35 | 7.88 | 100 | 30 A | EX 3 | 48 | HDPE | 0.013 | 58.53 | 4.00 | 0.04 | 30.77 | 25.07 | 22.86 | 213.36 | 287.29 | |
| | | | | | | | | 25 | 1.10 | 0.94 | 1.18 | 8.53 | 10.10 | | | | | | | | | | | | | | | |
| | | | | | | | | 100 | 1.25 | 1.00 | 1.26 | 10. | | | | | | | | | | | | | | | | |



BOLAND ARCHITECTS

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aciboland.com

ACI Boland Architects
St. Louis | Kansas City
Licensee's Certificate of Authority Number:
Missouri No.: 000958 (Expires: 12.31.2017)

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KPF, Inc.
1610 Des Peres Road, Suite 100
St. Louis, Missouri 63131
314.835.0524
State Certificate of Authority #2001010829

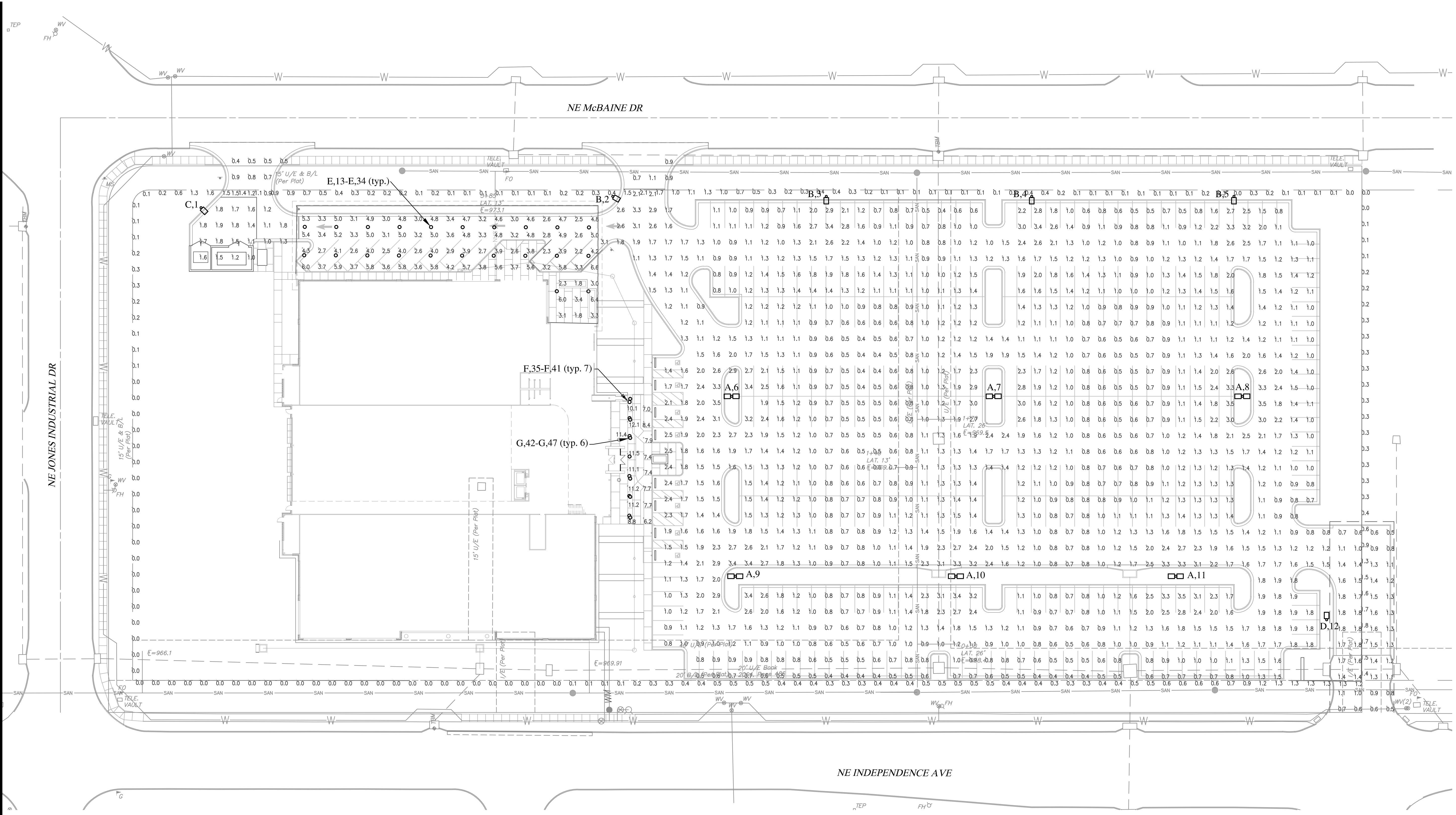
MEP/FP CONSULTANT
G&W Engineering Corporation
138 Weldon Parkway
Maryland Heights, Missouri 63043
314.737.4200
State Certificate of Authority #2002018767

Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

Date: 9/22/17
Job Number: 170534-010
Drawn By: ELM
Checked By: MDM

Revisions
Number Date Description
1 10/27/17 NEW SHEET

C16
LIGHTING PLAN

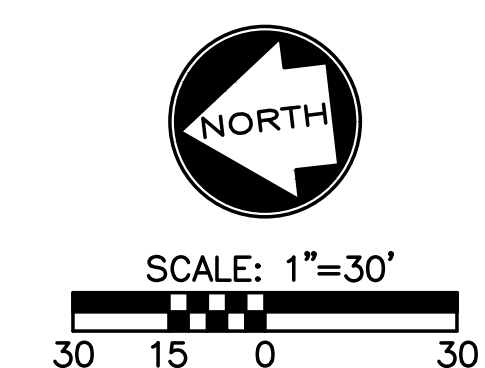


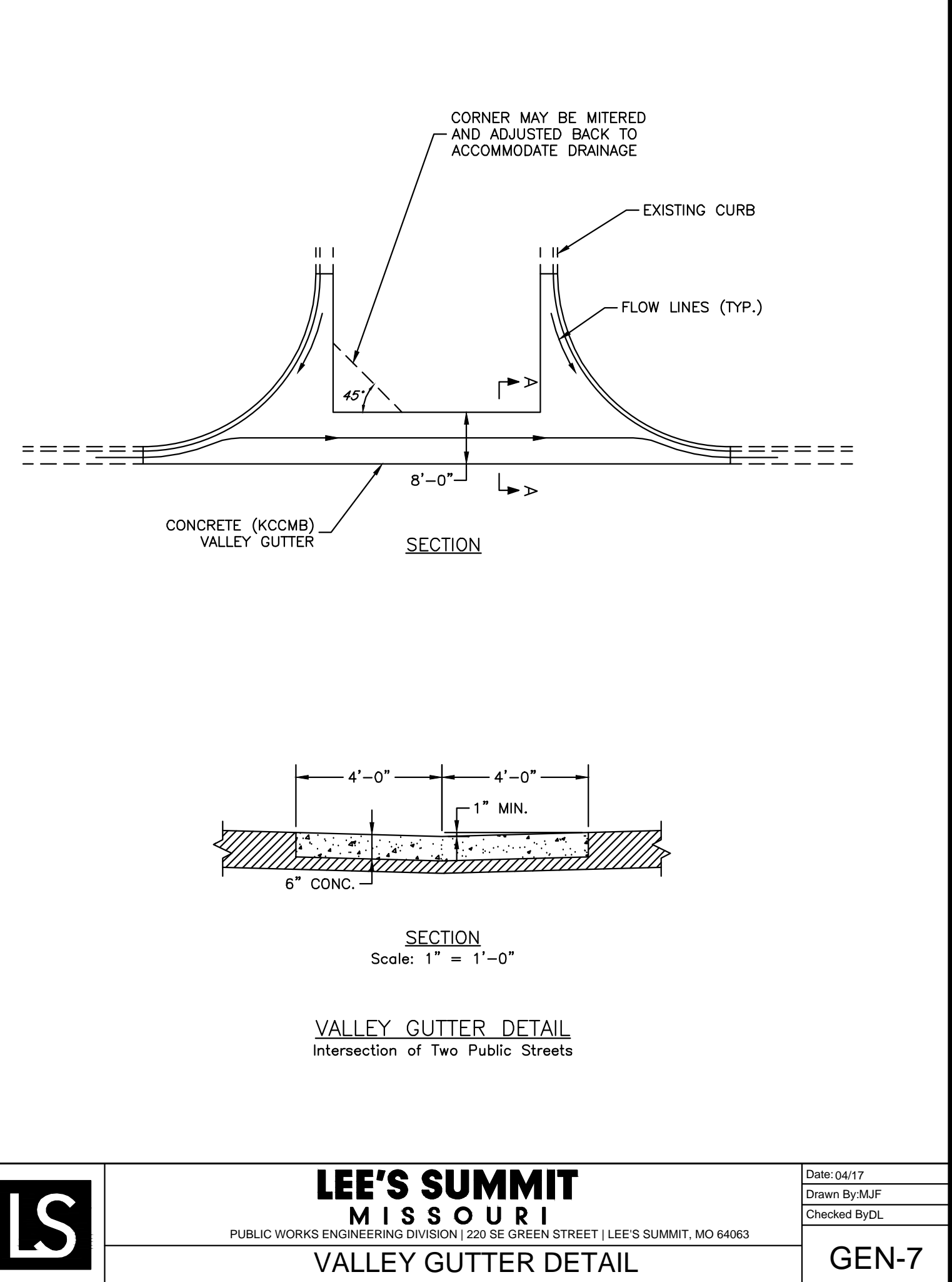
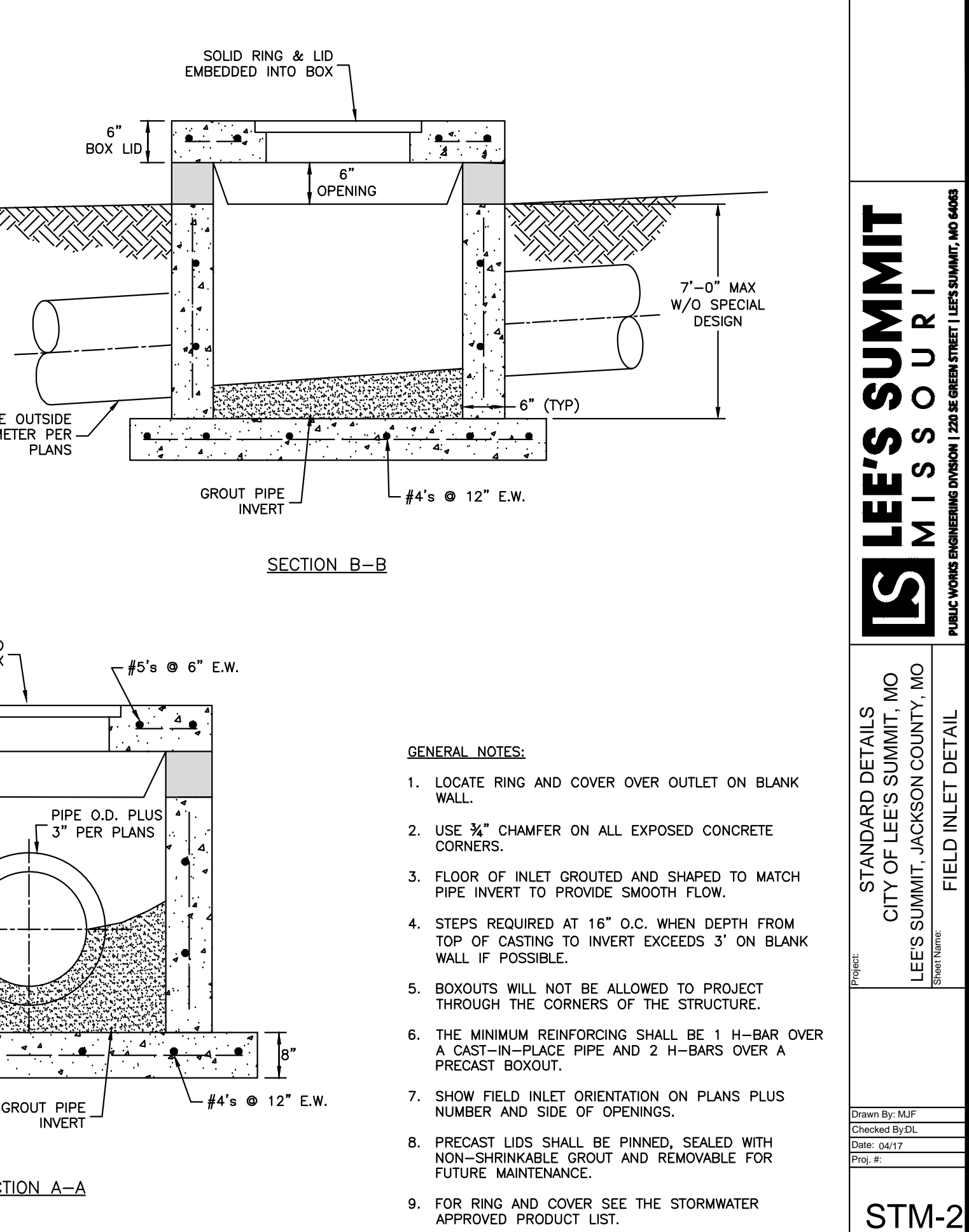
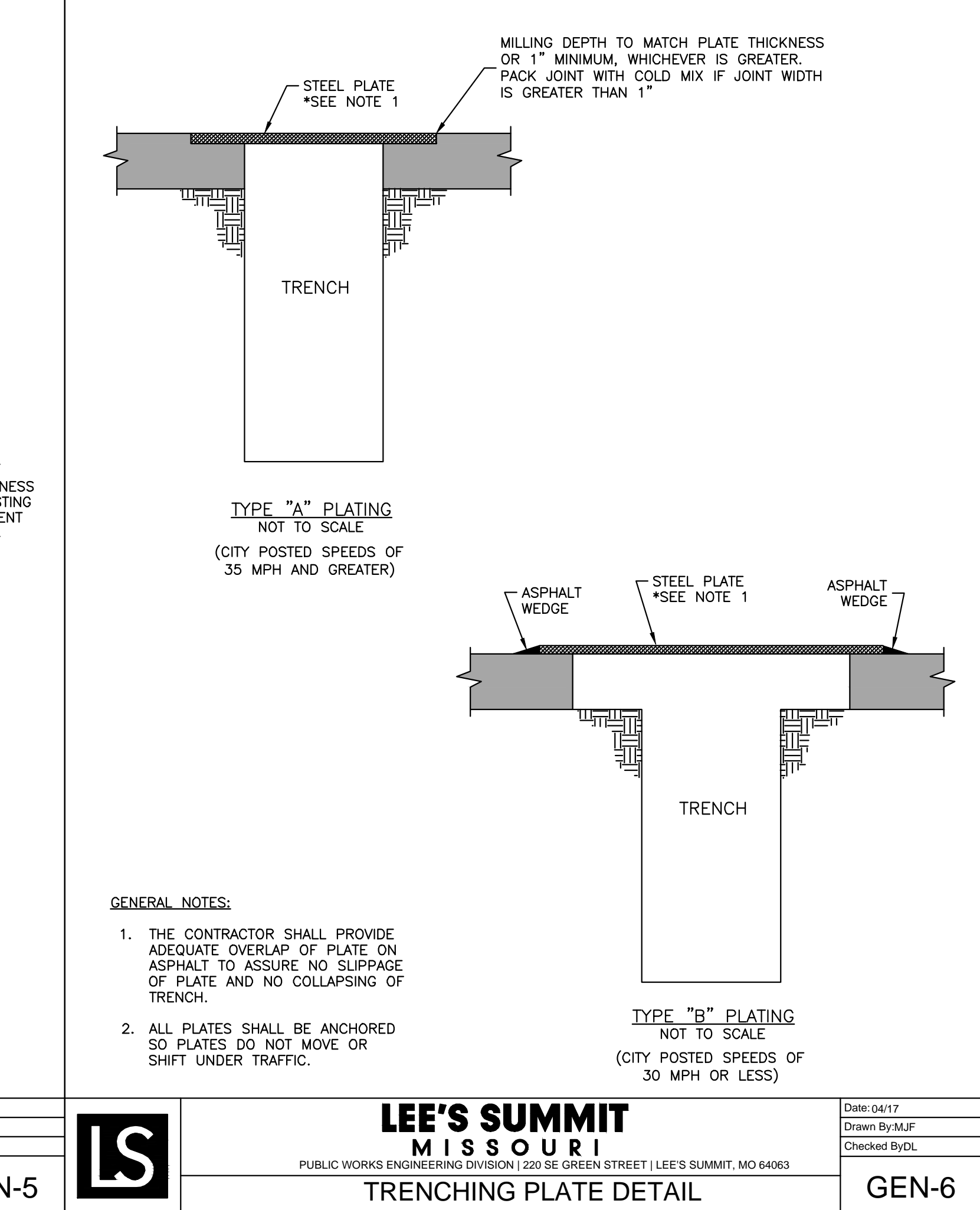
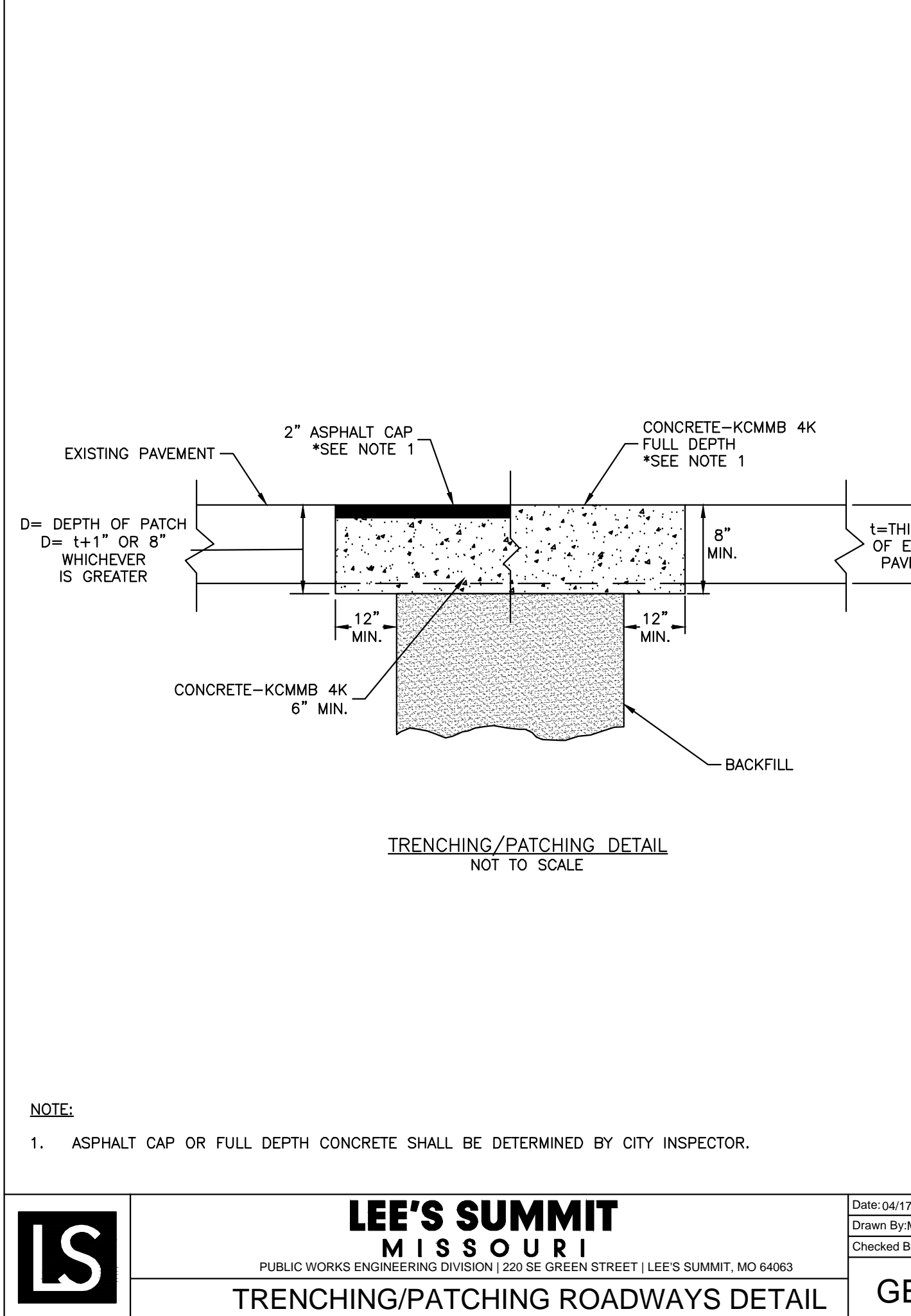
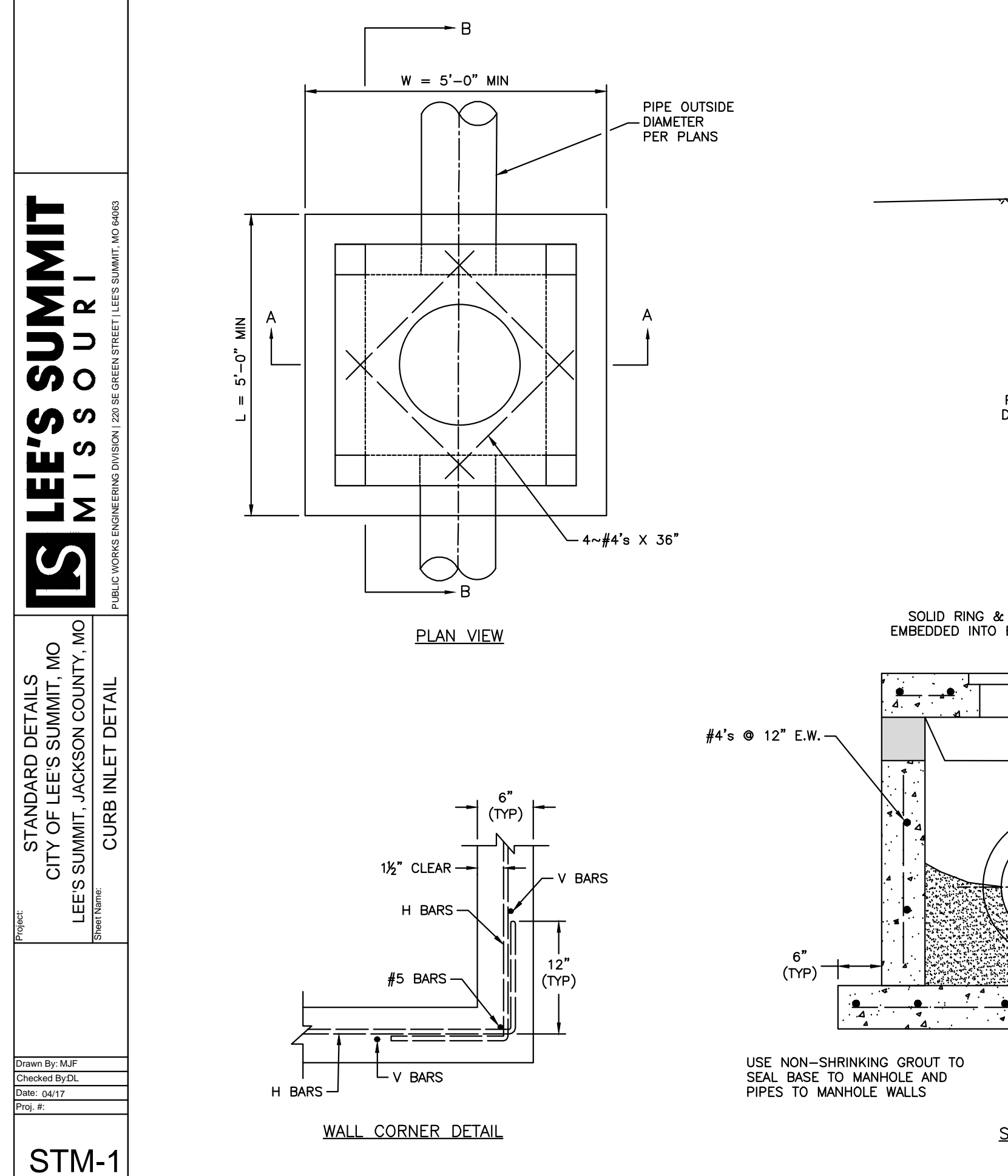
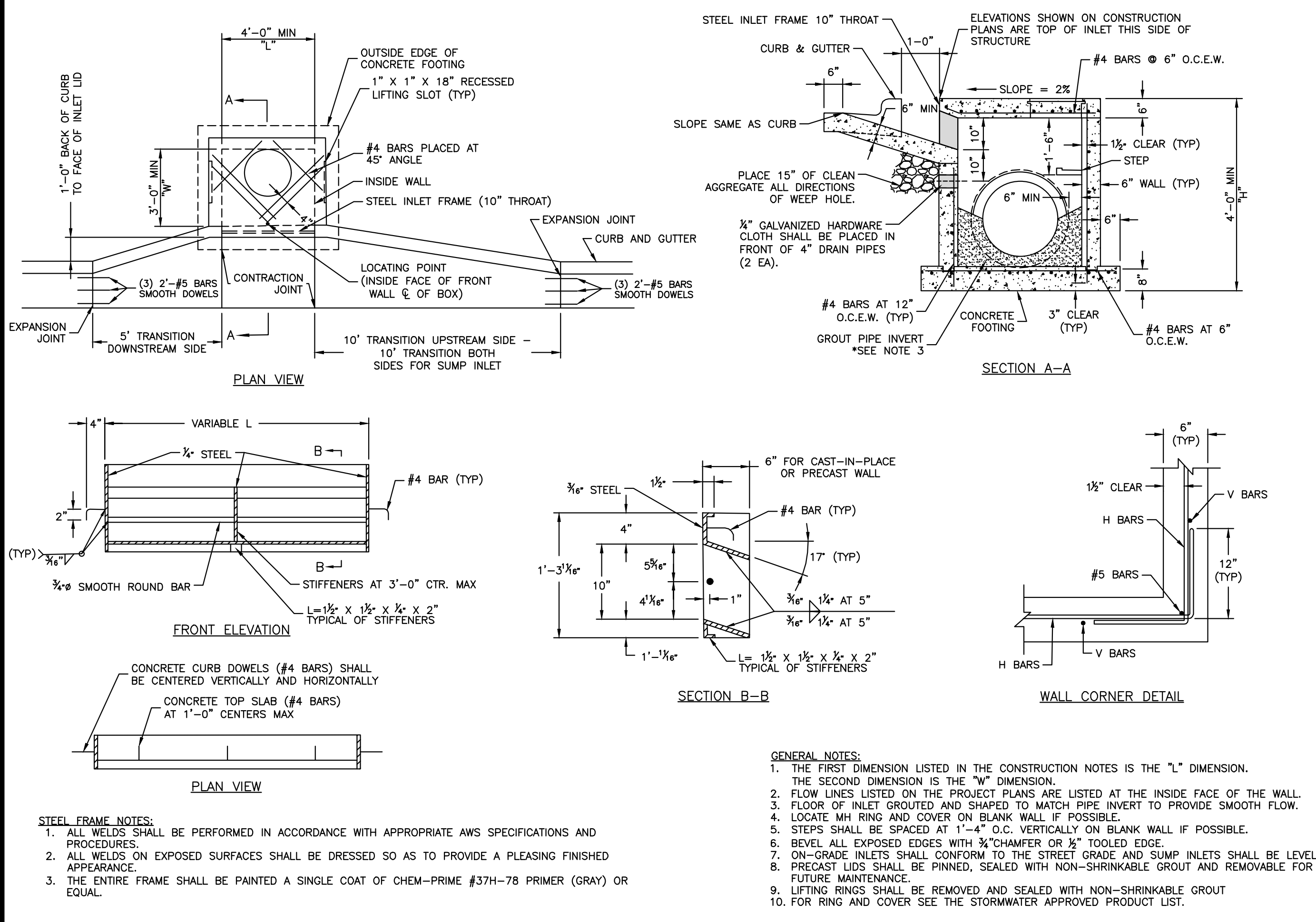
PLAN NOTES:

1. ALL WORK AND MATERIAL SHALL COMPLY WITH THE 2011 NATIONAL ELECTRICAL CODE.
2. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE PUBLIC WORKS DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI, IN CURRENT USAGE.
3. THE PARKING LOT LIGHTING LAYOUT WAS BASED ON THE MCGRAW-VENTUS SERIES LED FIXTURE. EACH LUMINAIRE SHALL BE ADJUSTED AND LEVELED TO THE PAVEMENT. FIXTURE SHALL BE MOUNTED ON 25" ROUND GARDCO SRS255 POLE (SEE ARM MOUNT ORIENTATION REQUIRED FOR EA. POLE) AND 2.5' EXTENDED BASE.
4. VERIFY THE POLE AND ALL FIXTURE COLORS WITH THE ARCHITECT.
5. INDIVIDUAL AND SYSTEM GROUNDS SHALL BE INSTALLED ON ALL CIRCUITS.
6. LUMINAIRE ORIENTATION AND OPTICS ORIENTATION SHALL BE AS SHOWN ON THIS DRAWING.
7. POLE SETBACK SHALL BE AS SHOWN ON DRAWING.
8. POLES SHALL BE LOCATED IN LINE WITH PARKING LOT LINES WHERE APPLICABLE.

| LUMINAIRE SCHEDULE | | | | | |
|--------------------|-------|-----|-------------------------------|------|-------|
| Symbol | Label | Qty | Catalog Number | LLF | Watts |
| □ | A | 6 | VTS-E04-LED-E1-T4 | 0.95 | 194.4 |
| □ | B | 4 | VTS-E06-LED-E1-SL4-HSS | 0.95 | 150.5 |
| □ | C | 1 | VTS-E04-LED-E1-T4_1 | 0.95 | 97.2 |
| □ | D | 1 | VTS-E06-LED-E1-5MQ | 0.95 | 150.5 |
| ○ | E | 22 | LD6B20D010 EU6B10208040 6LBWH | 0.95 | 20.8 |
| ○ | F | 7 | LD6B40D010 EU6B30508035 6LBNH | 0.95 | 41.8 |
| ○ | G | 6 | RW404-56L45T5-MD_03 | 0.95 | 66.2 |

| STATISTICS | | | | | |
|-------------|--------|------|-----|--------|---------|
| Description | Symbol | Avg | Max | Min | Max/Min |
| SITE | + | 1.30 | 3.5 | 0.4 fc | 8.7:1 |
| | | | | | 3.3:1 |





LEE'S SUMMIT MISSOURI
 PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

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 aciboland.com

ACI Boland Architects
 St. Louis | Kansas City
 Licensee's Certificate of Authority Number:
 Missouri No.: 000958 (Expires: 12.31.2017)

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 Lenexa, Kansas 66219
 913.888.7800
 State Certificate of Authority #000143

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 314.835.0524
 State Certificate of Authority #2001010829

MEP/FP CONSULTANT
 G&W Engineering Corporation
 138 Weldon Parkway
 Maryland Heights, Missouri 63043
 314.737.4200
 State Certificate of Authority #2002018767

Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

Date: 9/22/17
 Job Number: 170534-010
 Drawn By: ELM
 Checked By: MDM

Revisions
 Number Date Description
 1 10/30/17 CITY COMMENTS

LEE'S SUMMIT MISSOURI
 PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

GEN-5

TRENCHING/PATCHING ROADWAYS DETAIL

LEE'S SUMMIT MISSOURI
 PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

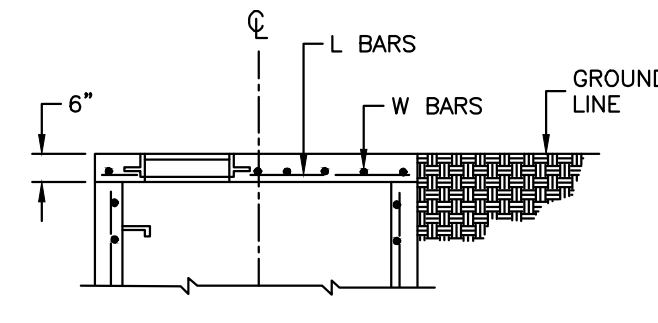
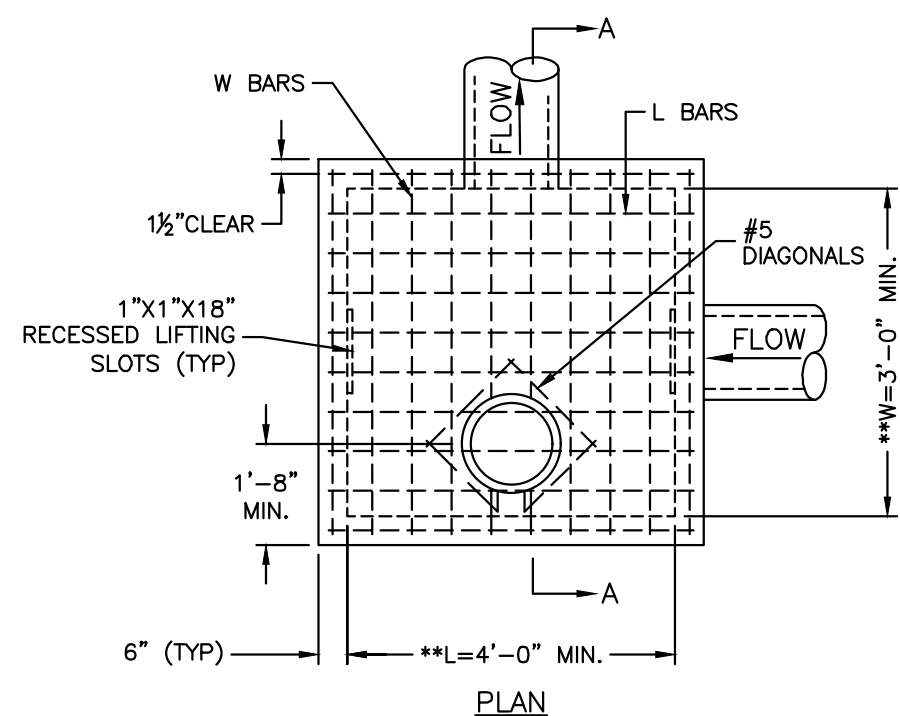
GEN-6

TRENCHING PLATE DETAIL

LEE'S SUMMIT MISSOURI
 PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

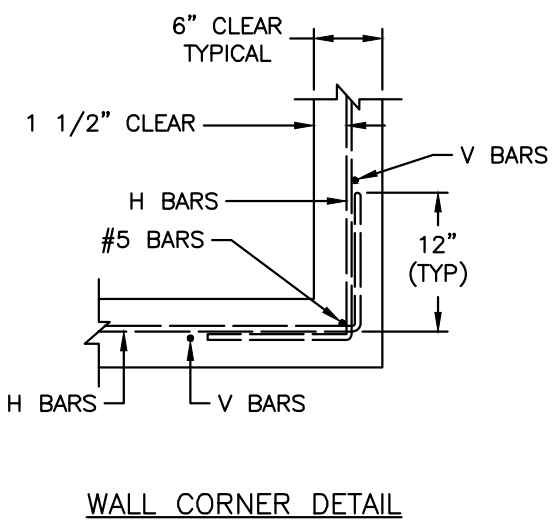
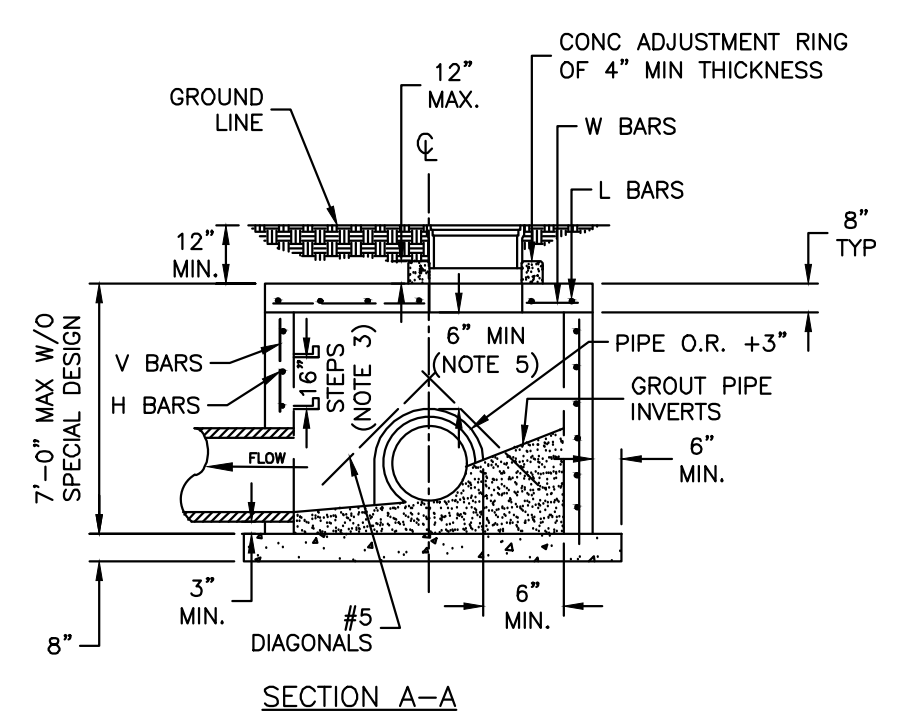
GEN-7

VALLEY GUTTER DETAIL



** INCREASE IN MULTIPLES OF 6" (7'-0") MAX WITHOUT SPECIAL DESIGN. (SEE PROJECT PLANS FOR DETAILS)

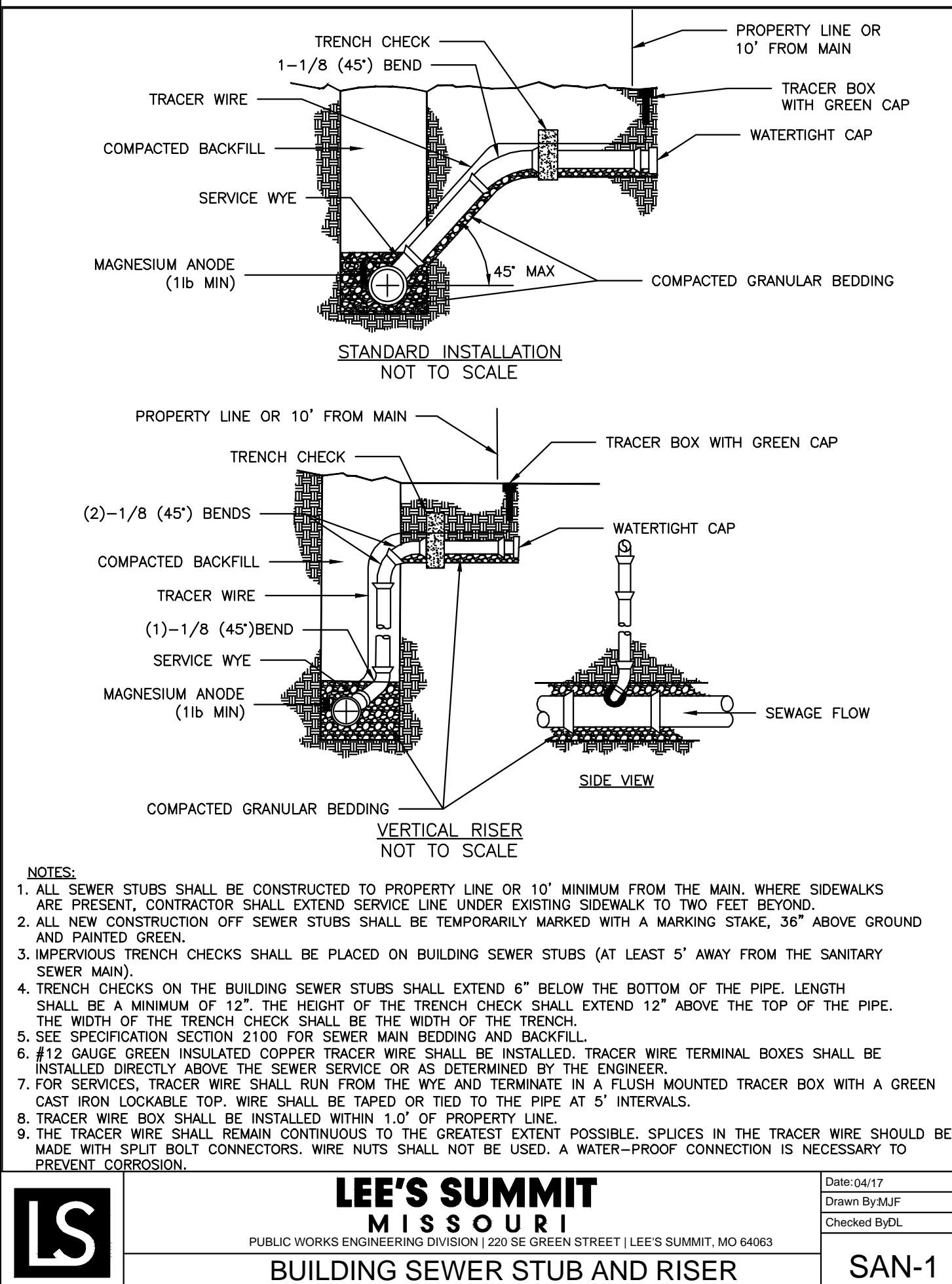
| REINFORCING | | |
|-------------|----------|---------------|
| BAR | BAR SIZE | SPACING (IN.) |
| H | 4 | 12 |
| V | 4 | 12 |
| L | 5 | 6 |
| W | 5 | 6 |



- GENERAL NOTES:**
1. LOCATE RING AND COVER ON BLANK WALL.
 2. USE 3/4" CHAMFER STRIP OR 3/4" R EDGER TOOL ON ALL EXPOSED CONCRETE CORNERS.
 3. STEPS REQUIRED AT 16" O.C. WHEN DEPTH FROM TOP OF CASTING TO INVERT EXCEEDS 4' ON BLANK WALL IF POSSIBLE.
 4. BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE AND THE MINIMUM DISTANCE BETWEEN BOXOUTS IS 6".
 5. THE MINIMUM REINFORCING SHALL BE 1 H-BAR OVER A CAST-IN-PLACE PIPE AND 2 H-BARS OVER A PRECAST BOXOUT.
 6. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON-SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
 7. REINFORCING OF COVERS IN STREETS REQUIRE SPECIAL DESIGN.
 8. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.

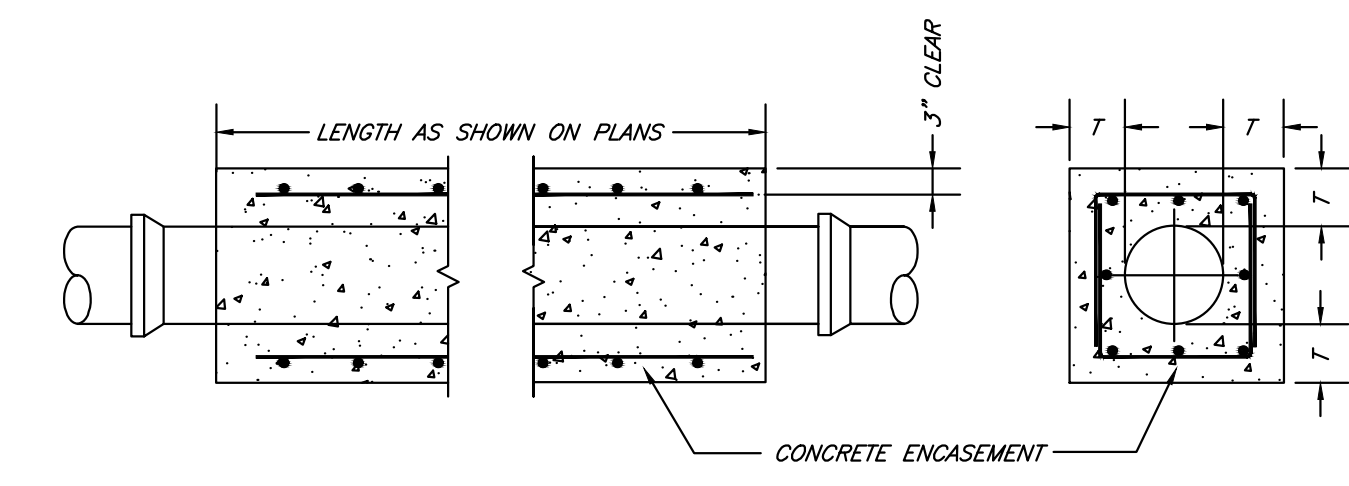
LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

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



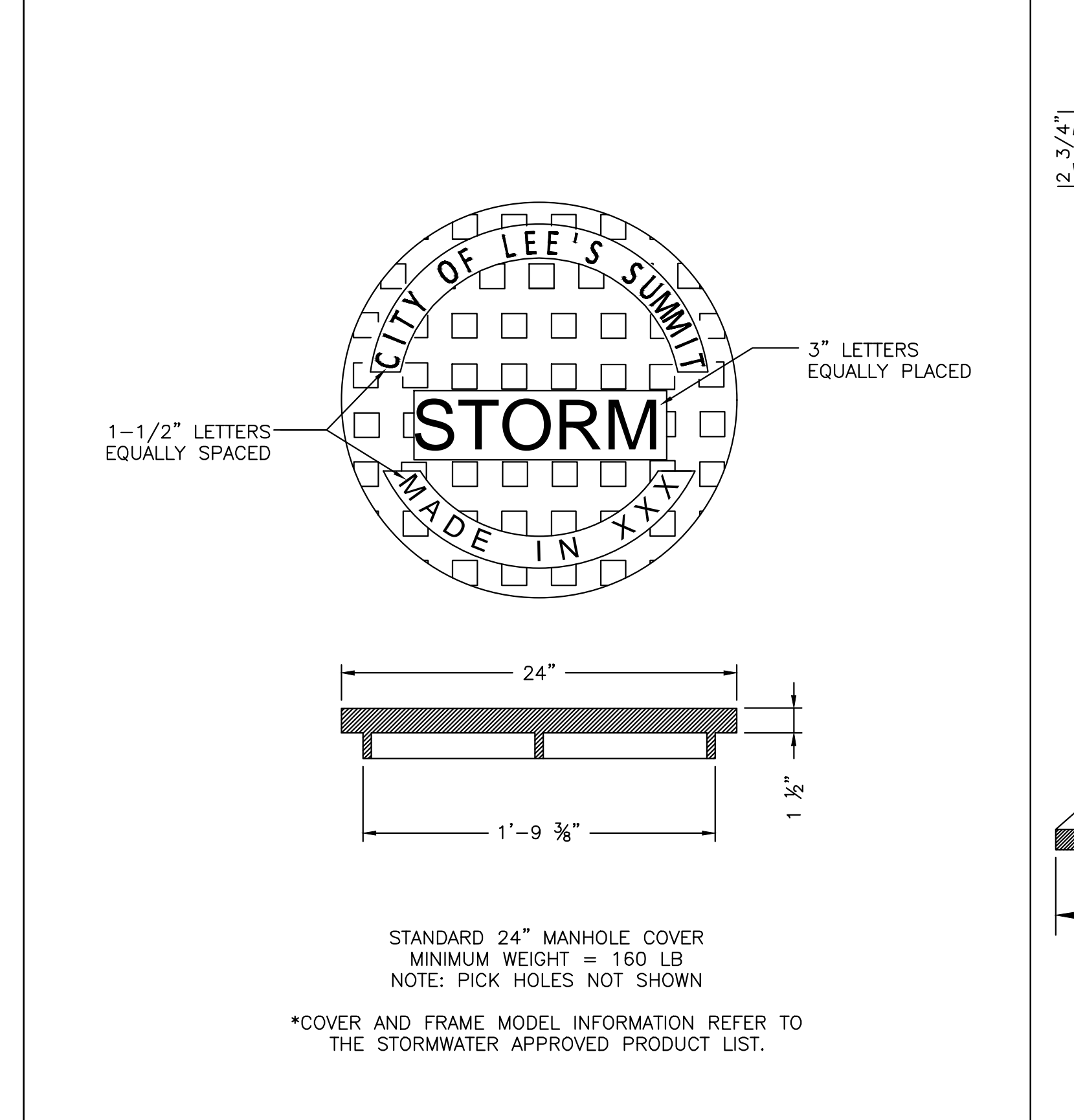
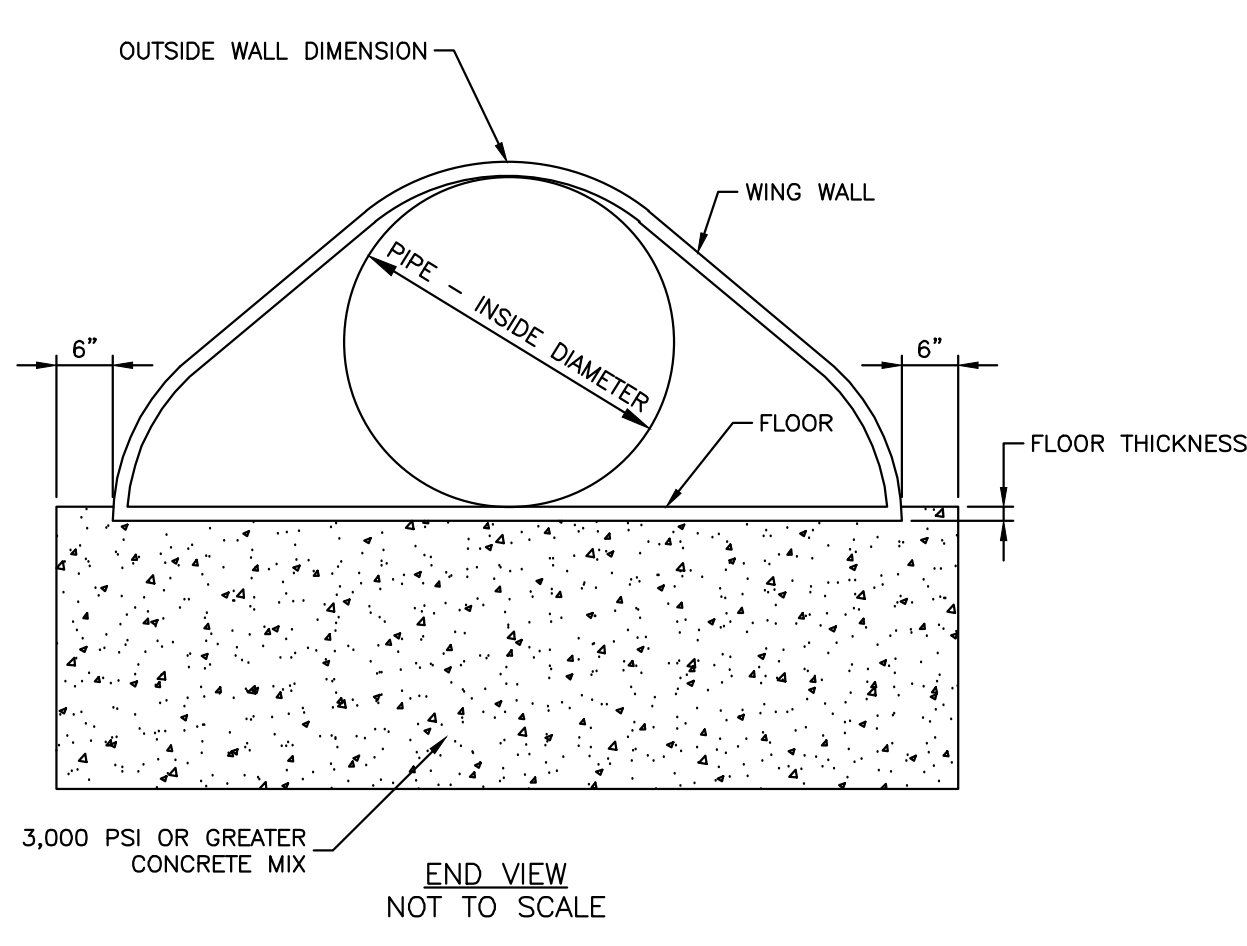
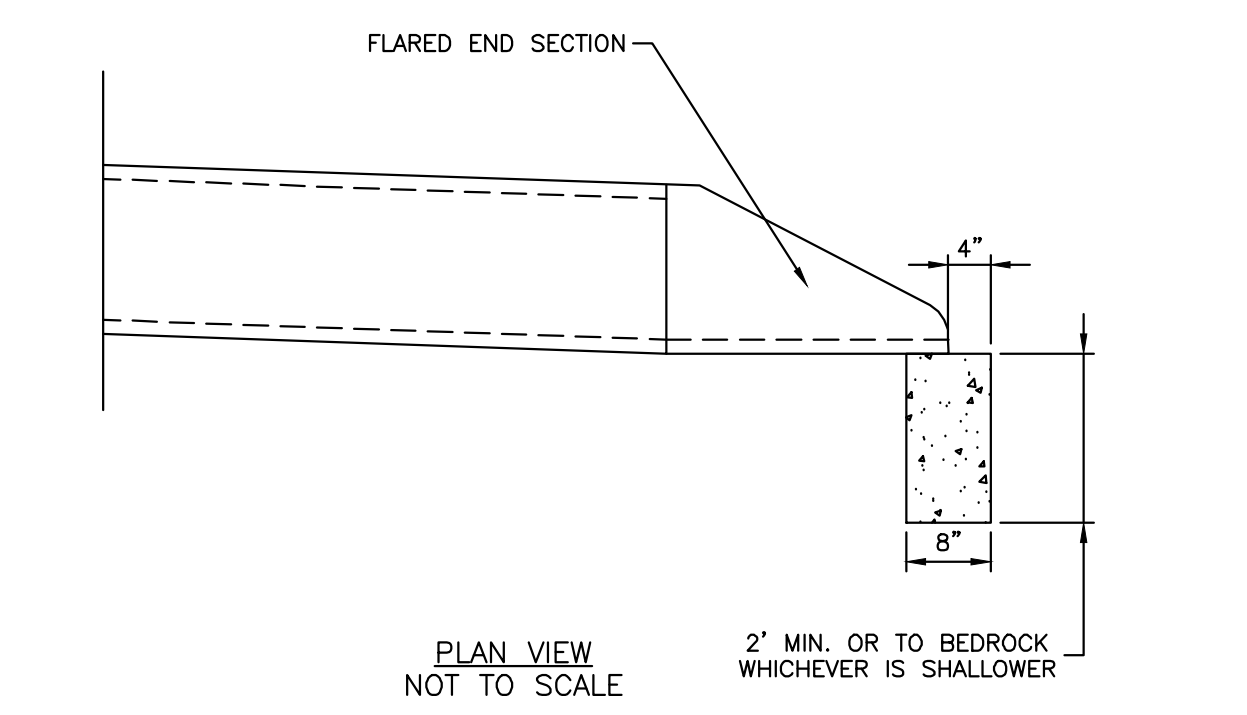
- NOTES:**
1. ALL SEWER STUBS SHALL BE CONSTRUCTED TO PROPERTY LINE OR 10' MINIMUM FROM THE MAIN, WHERE SIDEWALKS ARE PRESENT, CONTRACTOR SHALL EXTEND SERVICE LINE UNDER EXISTING SIDEWALK TO TWO FEET BEYOND.
 2. ALL NEW CONSTRUCTION OFF SEWER STUBS SHALL BE TEMPORARILY MARKED WITH A MARKING STAKE, 36" ABOVE GROUND AND PAINTED GREEN.
 3. IMPERVIOUS TRENCH CHECKS SHALL BE PLACED ON BUILDING SEWER STUBS (AT LEAST 5' AWAY FROM THE SANITARY SEWER MAIN).
 4. TRENCH CHECKS ON THE BUILDING SEWER STUBS SHALL EXTEND 6" BELOW THE BOTTOM OF THE PIPE. LENGTH SHALL BE A MINIMUM OF 12". THE HEIGHT OF THE TRENCH CHECK SHALL EXTEND 12" ABOVE THE TOP OF THE PIPE. THE WIDTH OF THE TRENCH CHECK SHALL BE THE WIDTH OF THE TRENCH.
 5. SEE SPECIFICATION SECTION 2100 FOR SEWER MAIN BEDDING AND BACKFILL.
 6. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER.
 7. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP. WIRE SHALL BE TAPED OR TIED TO THE PIPE AT 5' INTERVALS.
 8. TRACER WIRE BOX SHALL BE INSTALLED WITHIN 1.0' OF PROPERTY LINE.
 9. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063
BUILDING SEWER STUB AND RISER
SAN-1

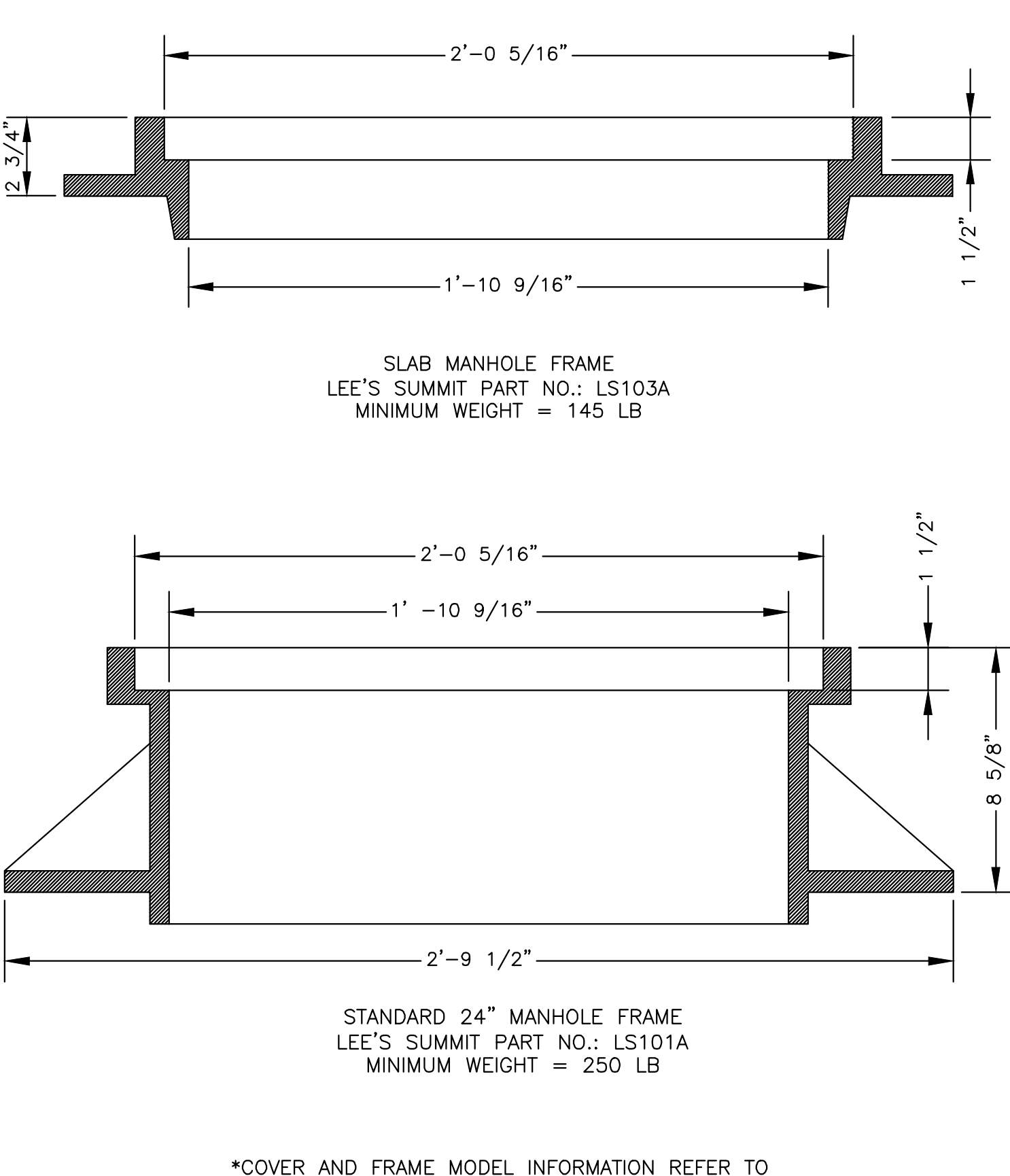


- NOTES:**
1. FOR PIPES LESS THAN 15", T = 6" MIN.
 2. FOR PIPES 15" THRU 36", T = 8" MIN.
 3. INTERMEDIATE BELLS SHALL BE ENCASED.
 4. REINFORCING STEEL SHALL BE #4 @ 12" O.C. EACH WAY WITH A MINIMUM REBAR LAP OF 12".

LEE'S SUMMIT MISSOURI
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SANITARY PIPE ENCASEMENT
Date: 02/13
Drawn By: AN
Checked By: DL
FILE: SAN-7
Rev: 1/14
Rec:



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STORM MANHOLE COVER DETAIL
STM-6



LEE'S SUMMIT MISSOURI
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STORM MANHOLE FRAME DETAIL
STM-7



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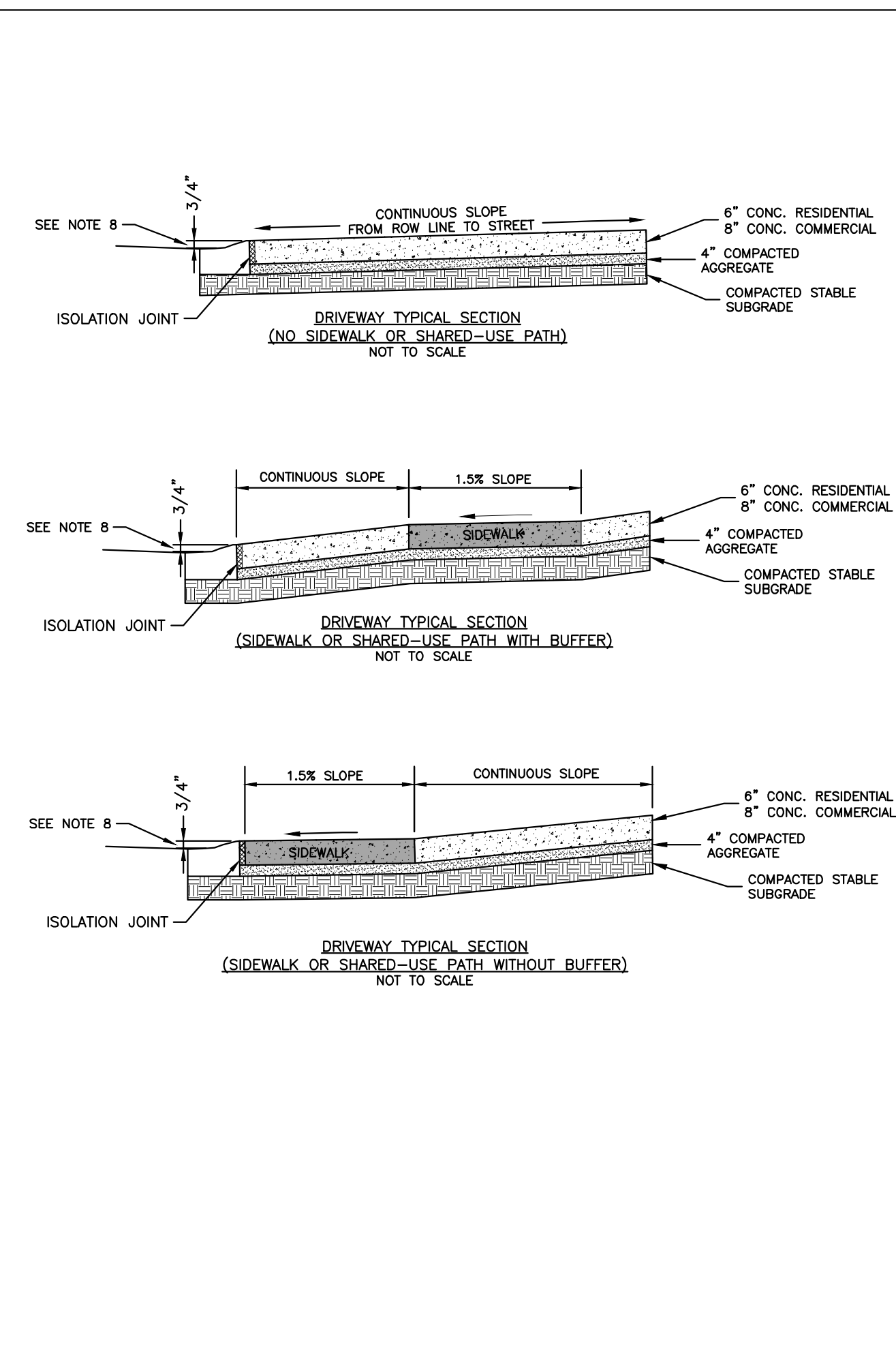
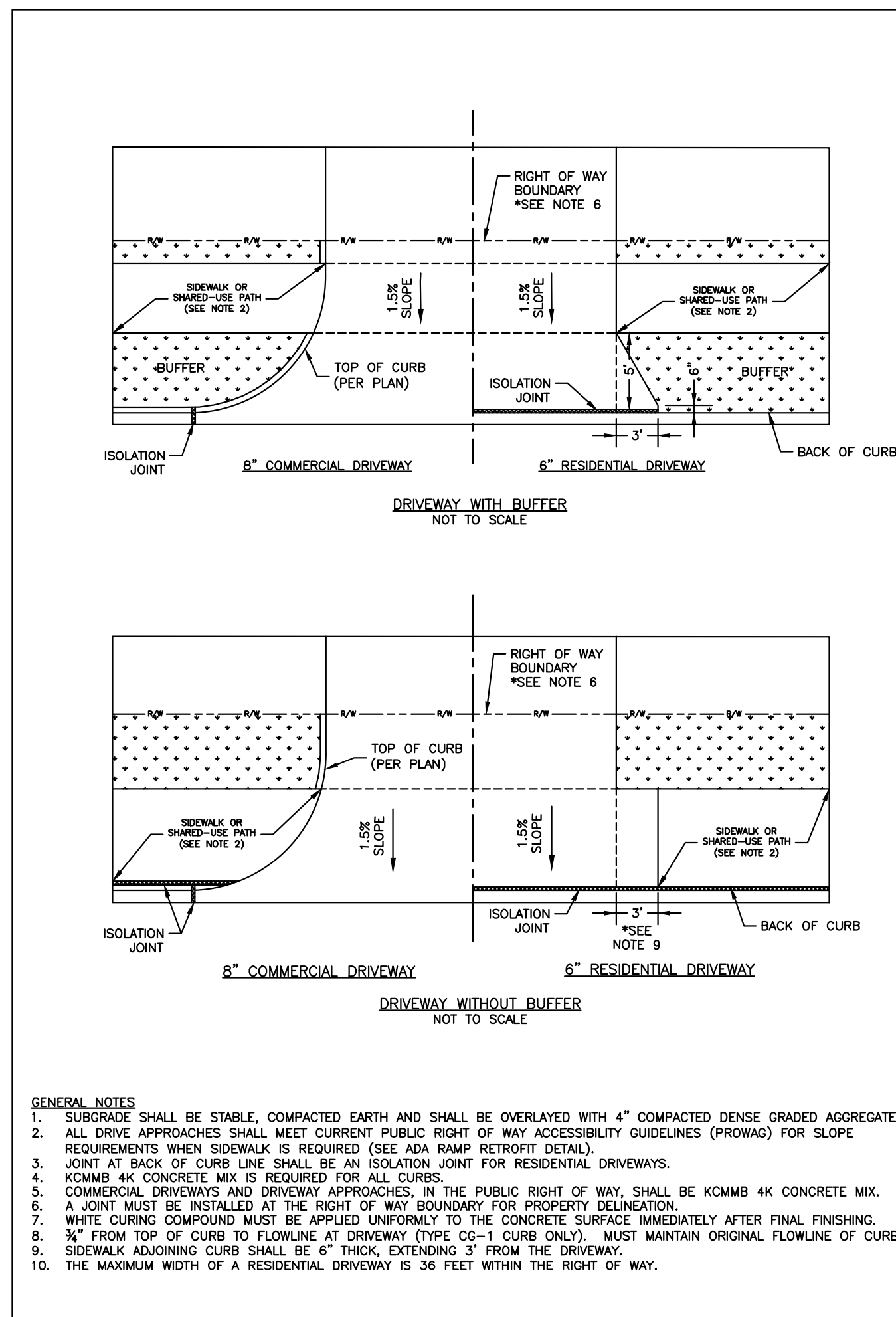
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

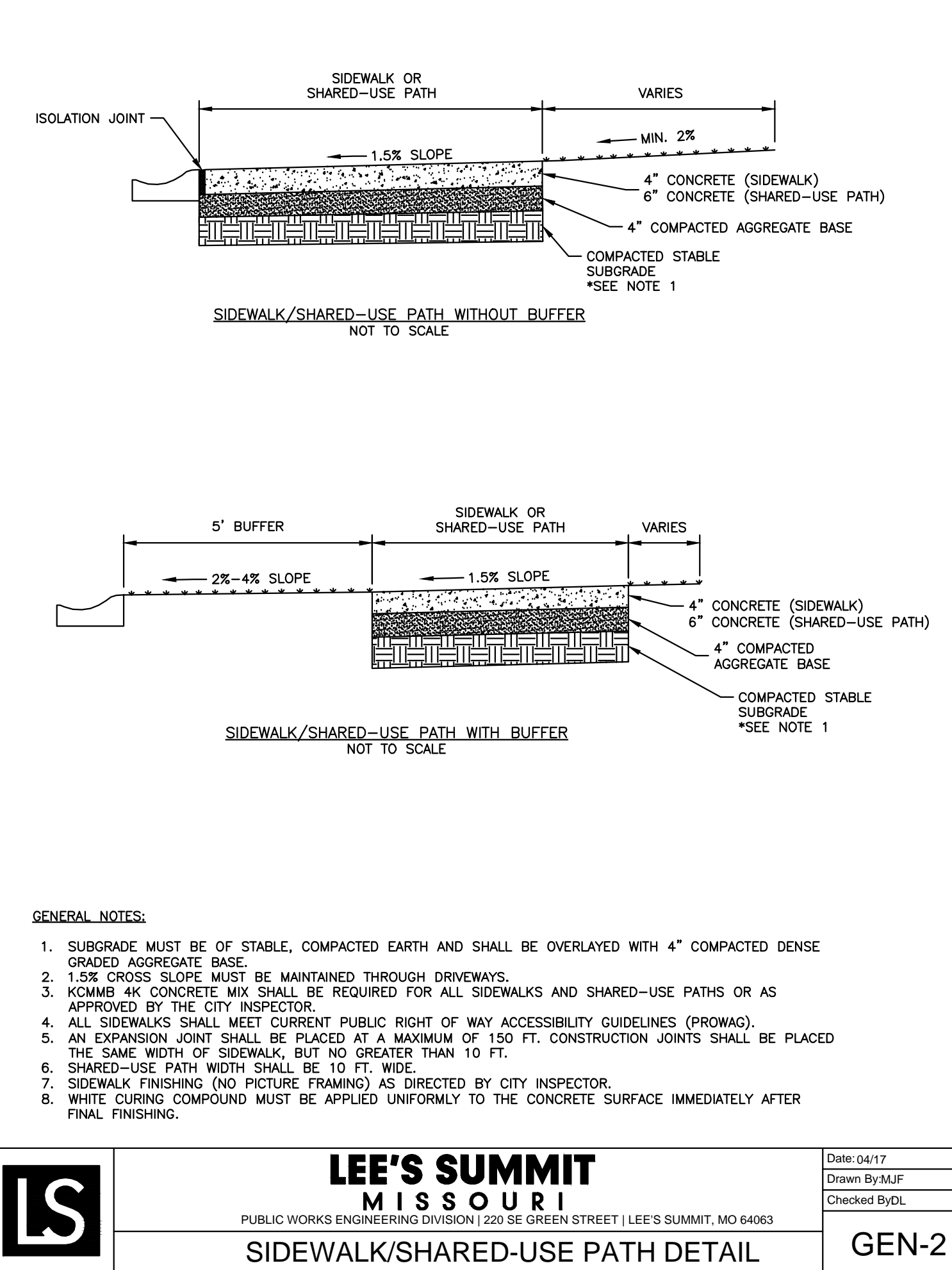
Date: 9/22/17
Job Number: 170534-010
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Revisions

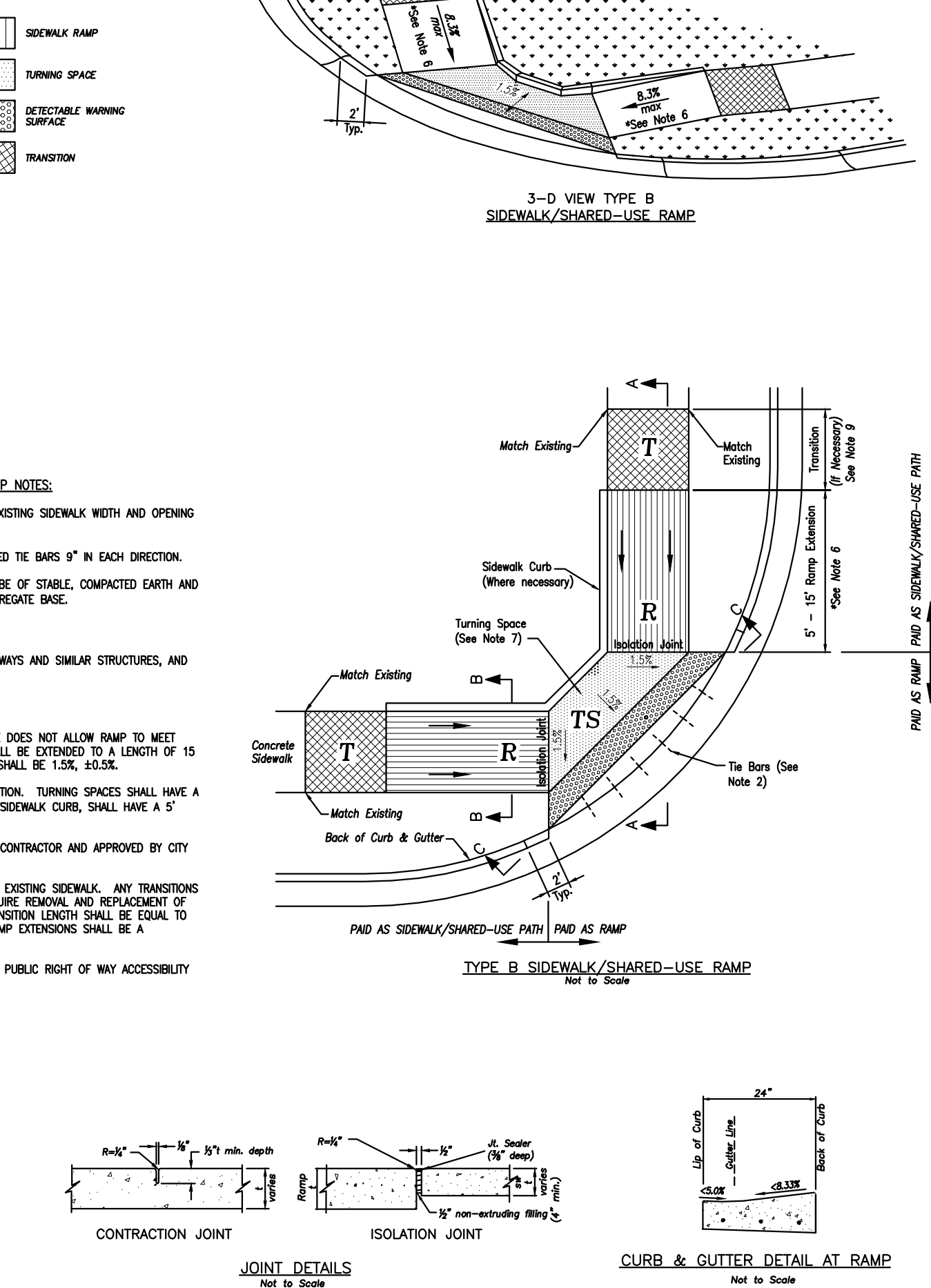
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| 1 | 10/30/17 | CITY COMMENTS |



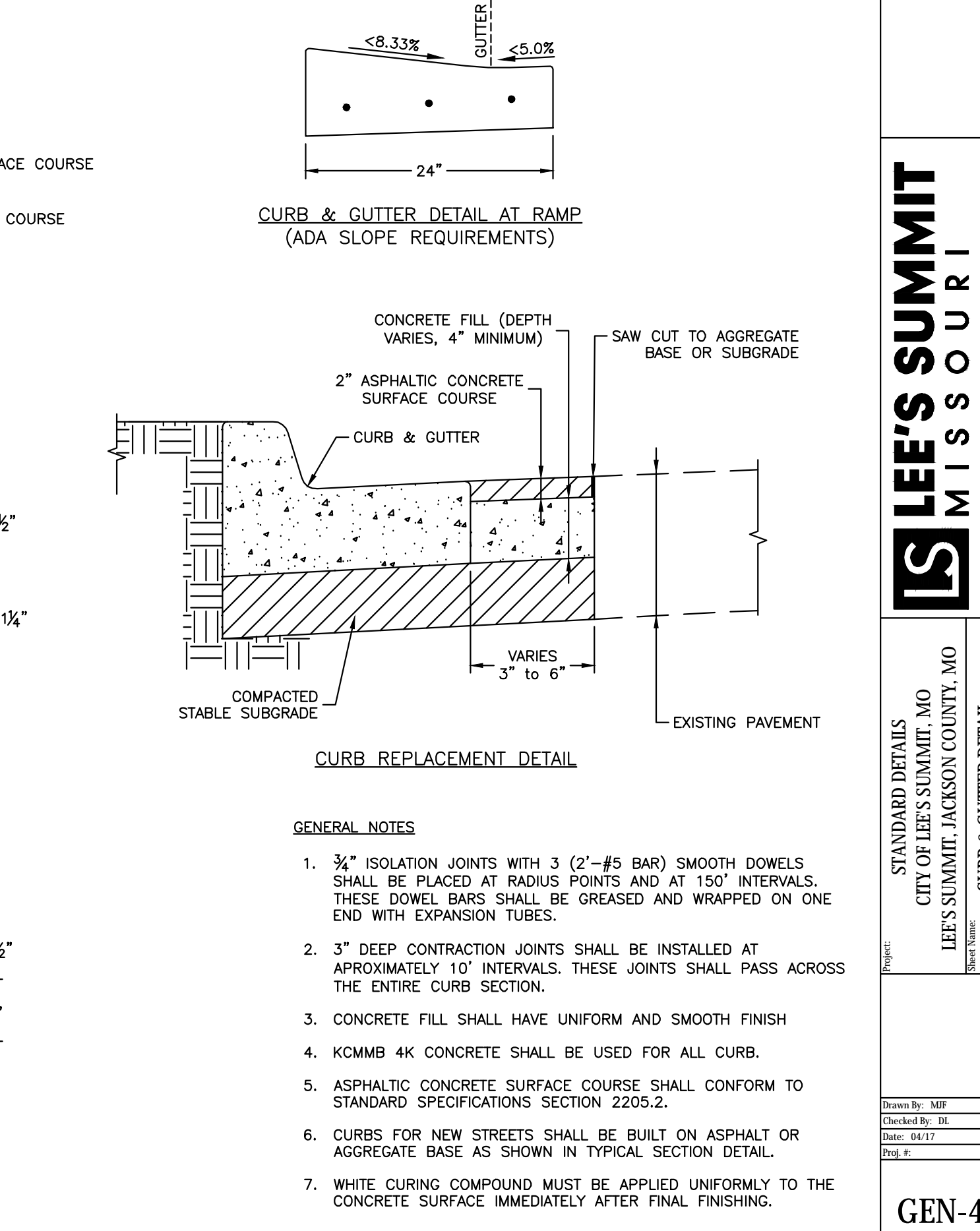
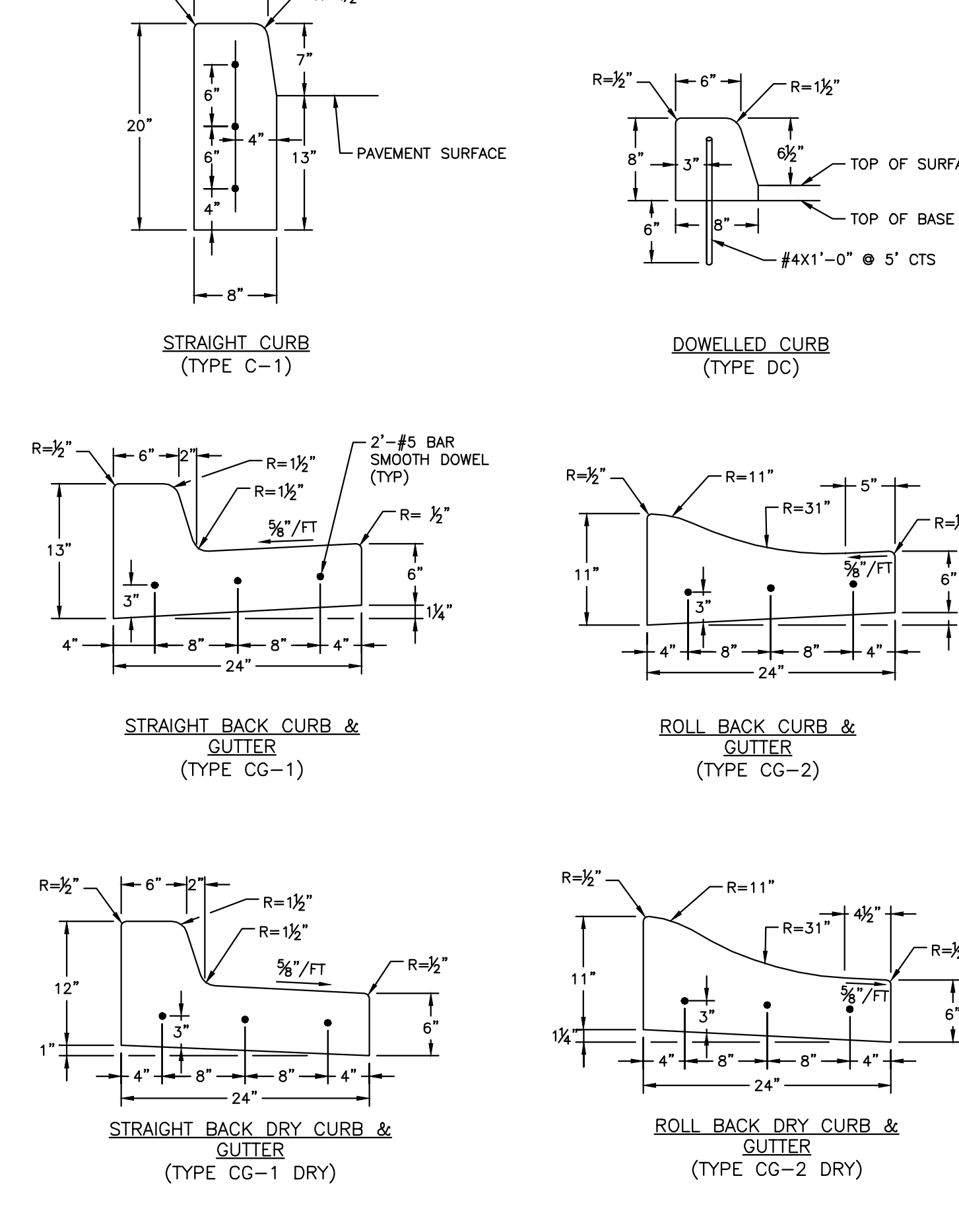
LEE'S SUMMIT MISSOURI
 PUBLIC WORKS ENGINEERING DIVISION | 1202 SE GREEN STREET | LEE'S SUMMIT, MO 64663
 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 DRIVEWAY DETAIL
 GEN-1



LEE'S SUMMIT MISSOURI
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 SIDEWALK/SHARED-USE PATH DETAIL
 GEN-2



LEE'S SUMMIT MISSOURI
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 STANDARD DETAILS
 CITY OF LEE'S SUMMIT, MO
 LEE'S SUMMIT, JACKSON COUNTY, MO
 ADA RAMP RETROFIT DETAIL
 GEN-3A



LEE'S SUMMIT MISSOURI
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 CURB & GUTTER DETAIL
 GEN-4

GENERAL NOTES:
 1. SUBGRADE MUST BE STABLE, COMPACTED EARTH AND SHALL BE OVERLAIN WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.
 2. ALL DRIVE APPROACHES SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG) FOR SLOPE REQUIREMENTS WHEN SIDEWALK IS REQUIRED (SEE ADA RAMP RETROFIT DETAIL).
 3. JOINT AT BACK OF CURB LINE SHALL BE AN ISOLATION JOINT FOR PROPERTY DELINEATION.
 4. KCMBB 4K CONCRETE MIX IS REQUIRED FOR ALL CURBS.
 5. COMMERCIAL DRIVEWAYS AND DRIVEWAY APPROACHES, IN THE PUBLIC RIGHT OF WAY, SHALL BE KCMBB 4K CONCRETE MIX.
 6. A JOINT MUST BE INSTALLED AT THE RIGHT OF WAY BOUNDARY FOR PROPERTY DELINEATION.
 7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
 8. 3/4" FROM TOP OF CURB TO FLOWLINE AT DRIVEWAY (TYPE CG-1 CURB ONLY). MUST MAINTAIN ORIGINAL FLOWLINE OF CURB.
 9. SIDEWALK ADVANCING CURB SHALL BE 6" THICK, EXTENDING 3' FROM THE DRIVEWAY.
 10. THE MAXIMUM WIDTH OF A RESIDENTIAL DRIVEWAY IS 36 FEET WITHIN THE RIGHT OF WAY.

LEGEND:
 R SIDEWALK RAMP
 TS TURNING SPACE
 DETECTABLE WARNING SURFACE
 T TRANSITION

GENERAL NOTES:
 1. CURB RAMP OPENING, NOT INCLUDING FLARES, SHALL MATCH EXISTING SIDEWALK WIDTH AND OPENING SHALL BE AT LEAST 48" WIDE.
 2. USE 1" LONG #4 EPOXY COATED BARS @ 24" O.C. EMBED THE BARS 9" IN EACH DIRECTION.
 3. ALL RAMP, SIDEWALK, SHARED-USE PATHS SUBGRADE MUST BE OF STABLE, COMPACTED EARTH AND SHALL BE OVERLAIN WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.
 4. LONGITUDINAL JOINT SPACING TO MATCH WIDTH OF SIDEWALK.
 5. ISOLATION JOINTS SHALL BE PLACED WHERE WALK ABUTS DROWNS AND SIMILAR STRUCTURES, AND 150' CENTERS MAX.
 6. ADA MAXIMUM RAMP SLOPE = 8.33%
 ADA MAXIMUM CROSS SLOPE = 2.08%
 *HORIZONTAL EXCEPTION: WHERE EXISTING ROAD PROFILE GRADE DOES NOT ALLOW RAMP TO MEET RAMP SLOPE REQUIREMENT OF 8.33% OR LESS, THE RAMP SHALL BE EXTENDED TO A LENGTH OF 15 FEET TO MATCH EXISTING SIDEWALK. CROSS SLOPE OF RAMP SHALL BE 1.25% ±0.05%.
 7. TURNING SPACES SHALL BE 1.25% ±0.5% SLOPE IN ANY DIRECTION. TURNING SPACES SHALL HAVE A MINIMUM 4'x4' TURNING AREA. TURNING SPACES, WITH A SIDEWALK CURB, SHALL HAVE A 5' TURNING AREA PERPENDICULAR TO THE SIDEWALK CURB.
 8. FOR RETROFIT WORK, SLOPES TO BE DETERMINED IN FIELD BY CONTRACTOR AND APPROVED BY CITY INSPECTOR.
 9. RAMP EXTENSION AREA SHALL NOT BE USED AS TRANSITION TO EXISTING SIDEWALK. ANY TRANSITIONS REQUIRED TO MATCH RAMP TO EXISTING SIDEWALK SHALL REQUIRE REMOVAL AND REPLACEMENT OF ADDITIONAL SIDEWALK BEYOND THE RAMP AREA. SIDEWALK TRANSITION LENGTH SHALL BE EQUAL TO OR GREATER THAN THE WIDTH OF THE EXISTING SIDEWALK. RAMP EXTENSION SHALL BE A CONTINUOUS SLOPE.
 10. ALL SIDEWALK AND RAMP CONSTRUCTION SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG).

GENERAL NOTES:
 1. 3/4" ISOLATION JOINTS WITH 3 (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
 2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
 3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
 4. KCMBB 4K CONCRETE SHALL BE USED FOR ALL CURB.
 5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 2205.2.
 6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
 7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.



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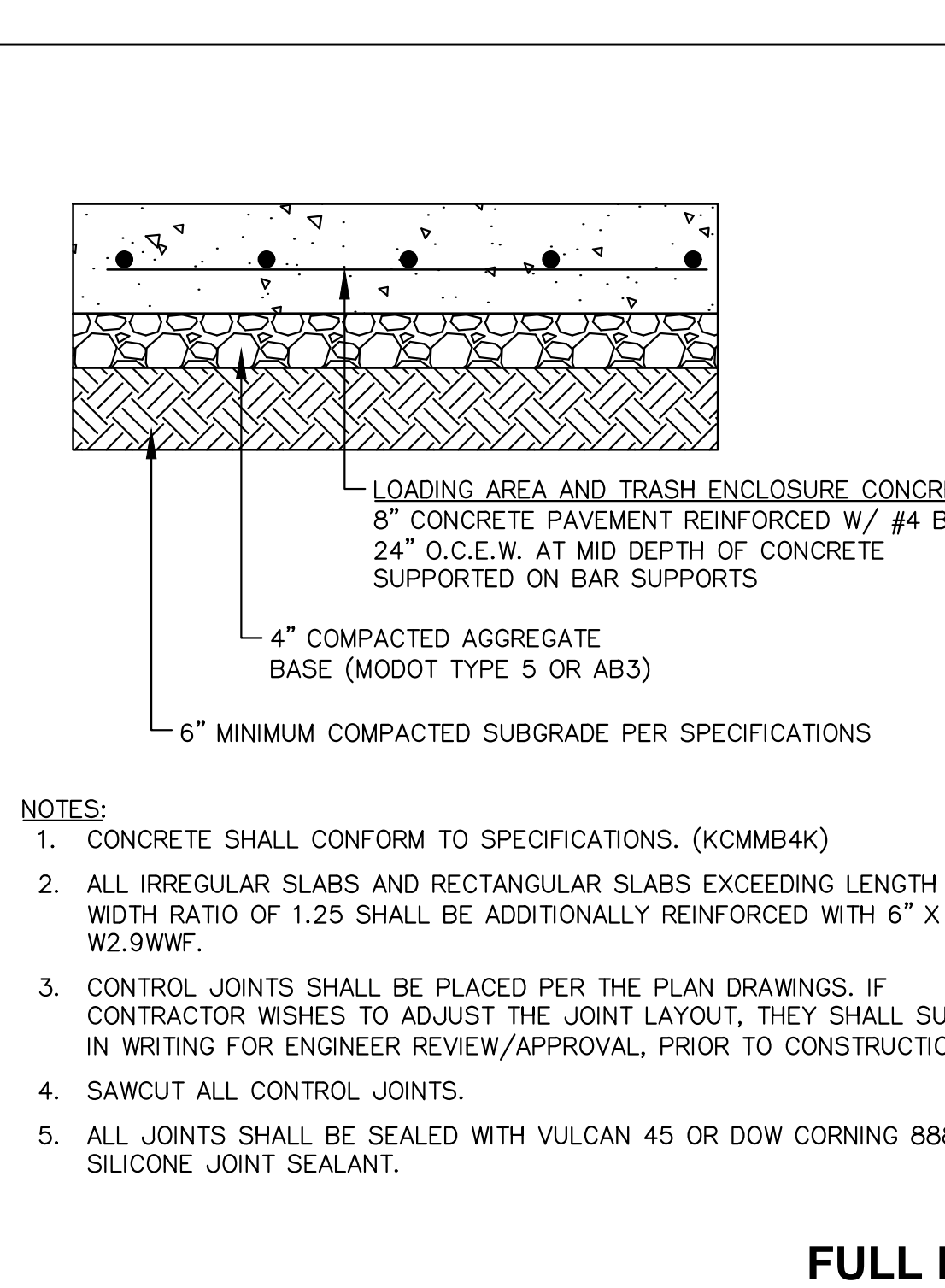
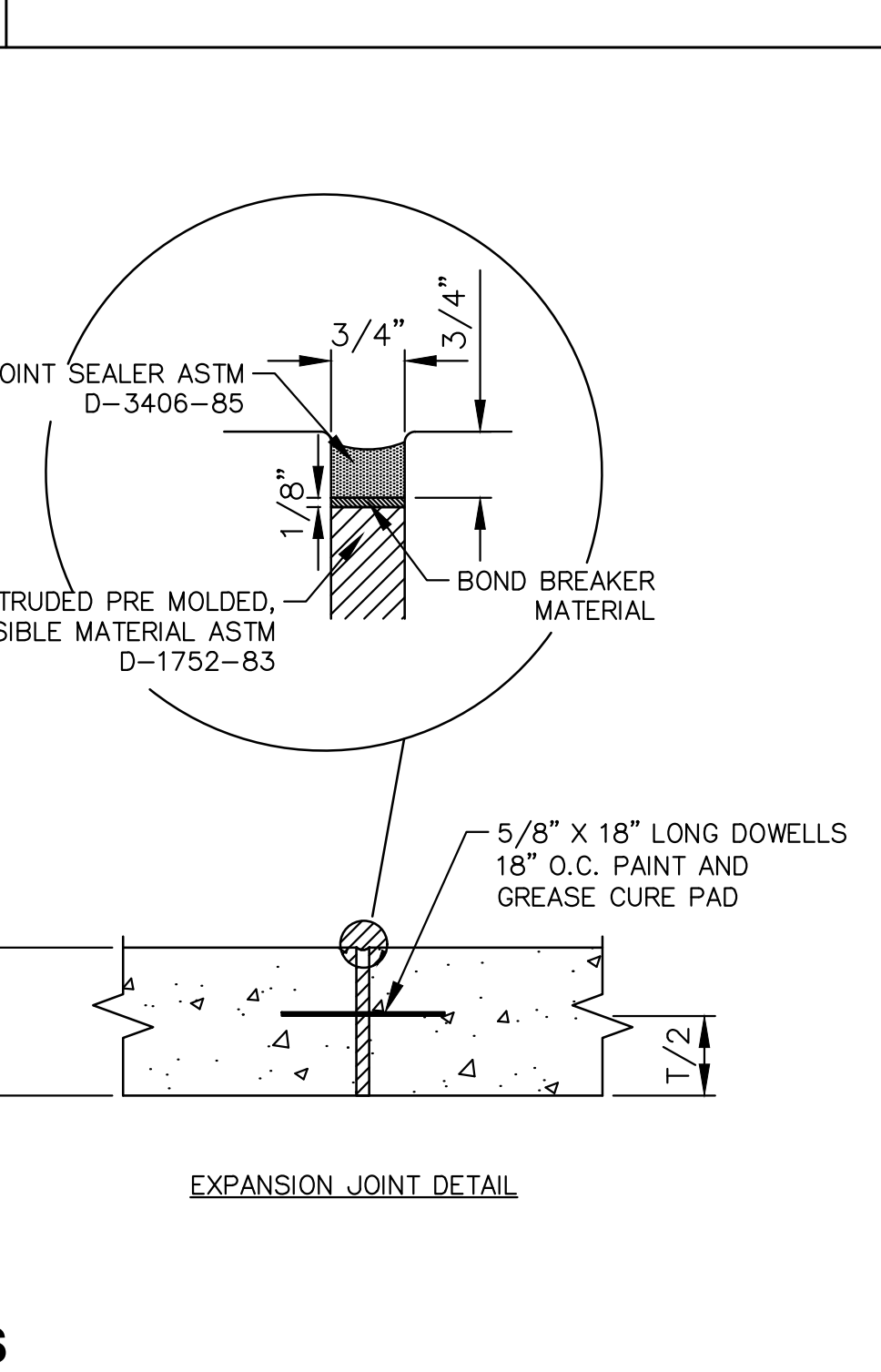
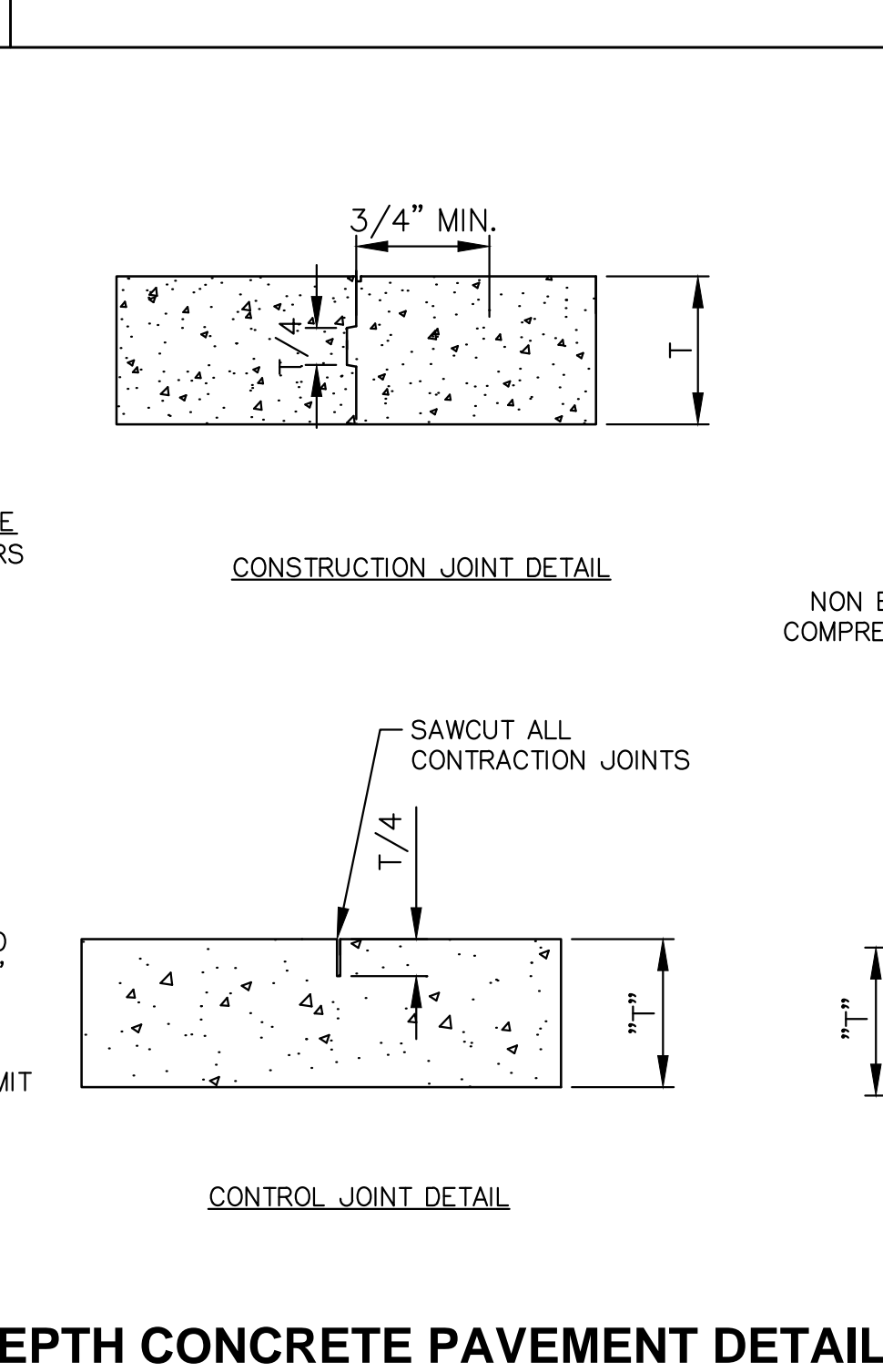
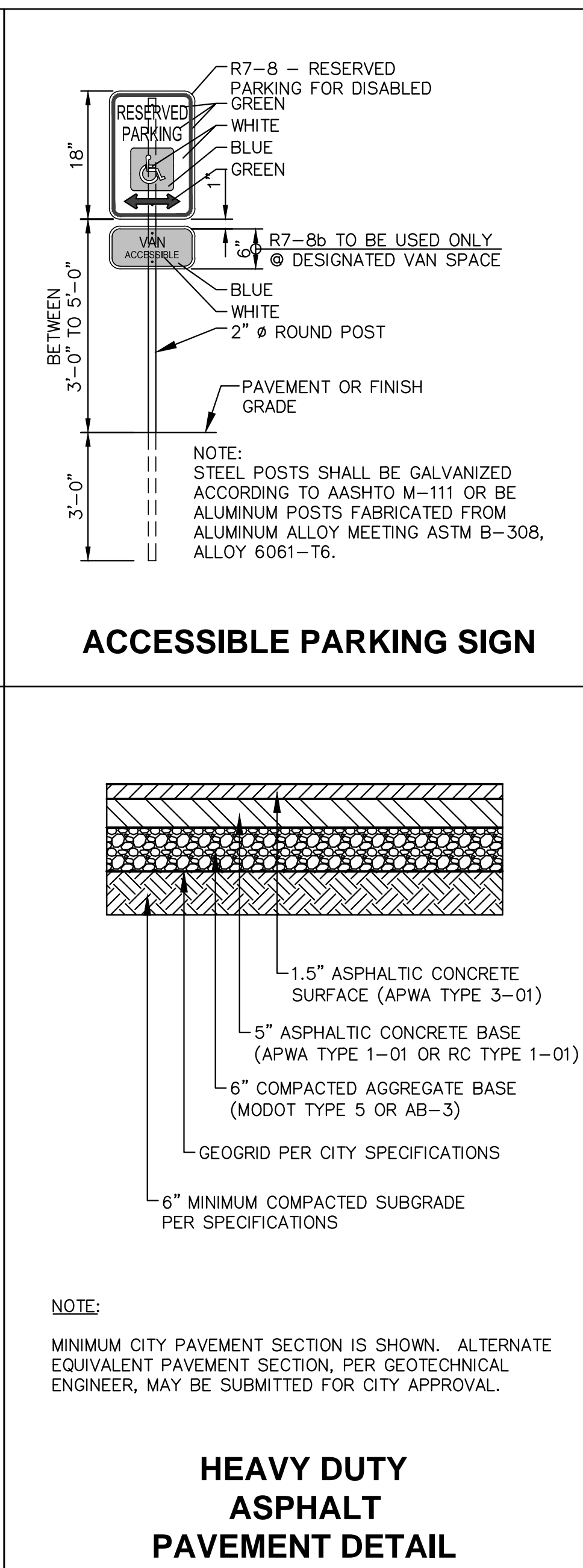
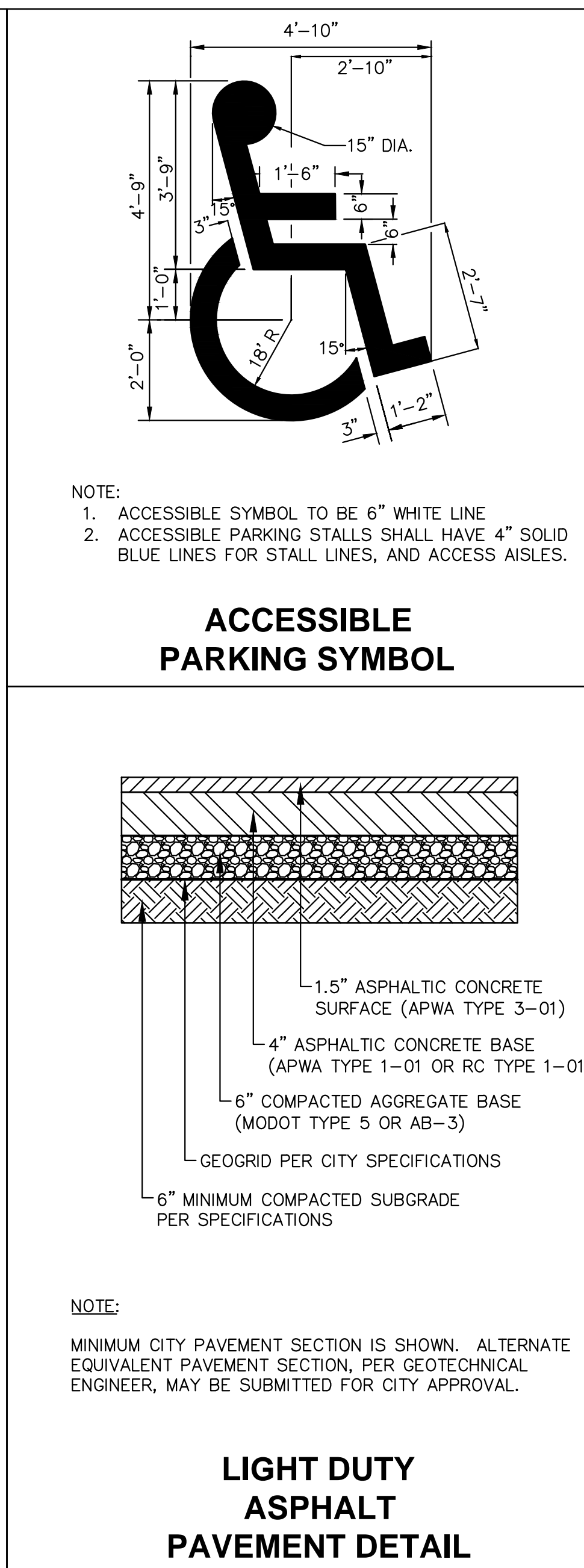
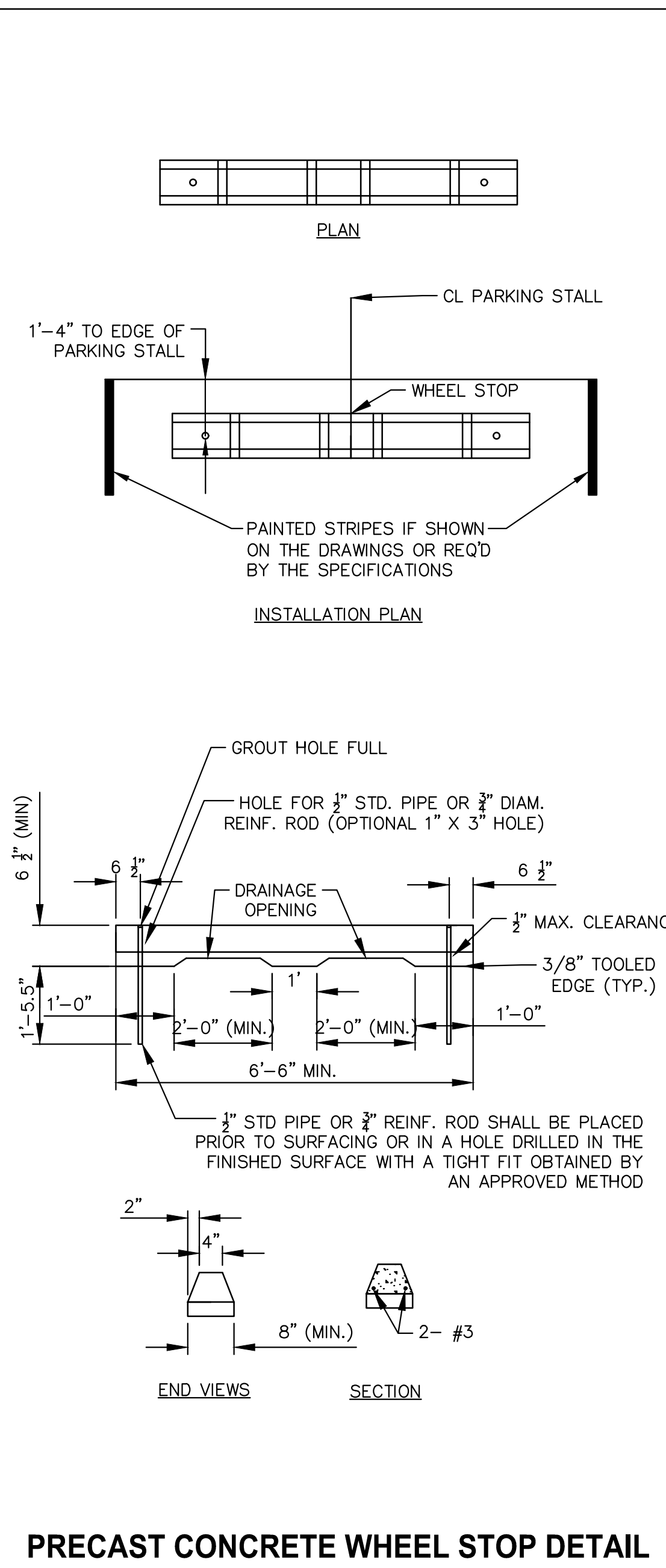
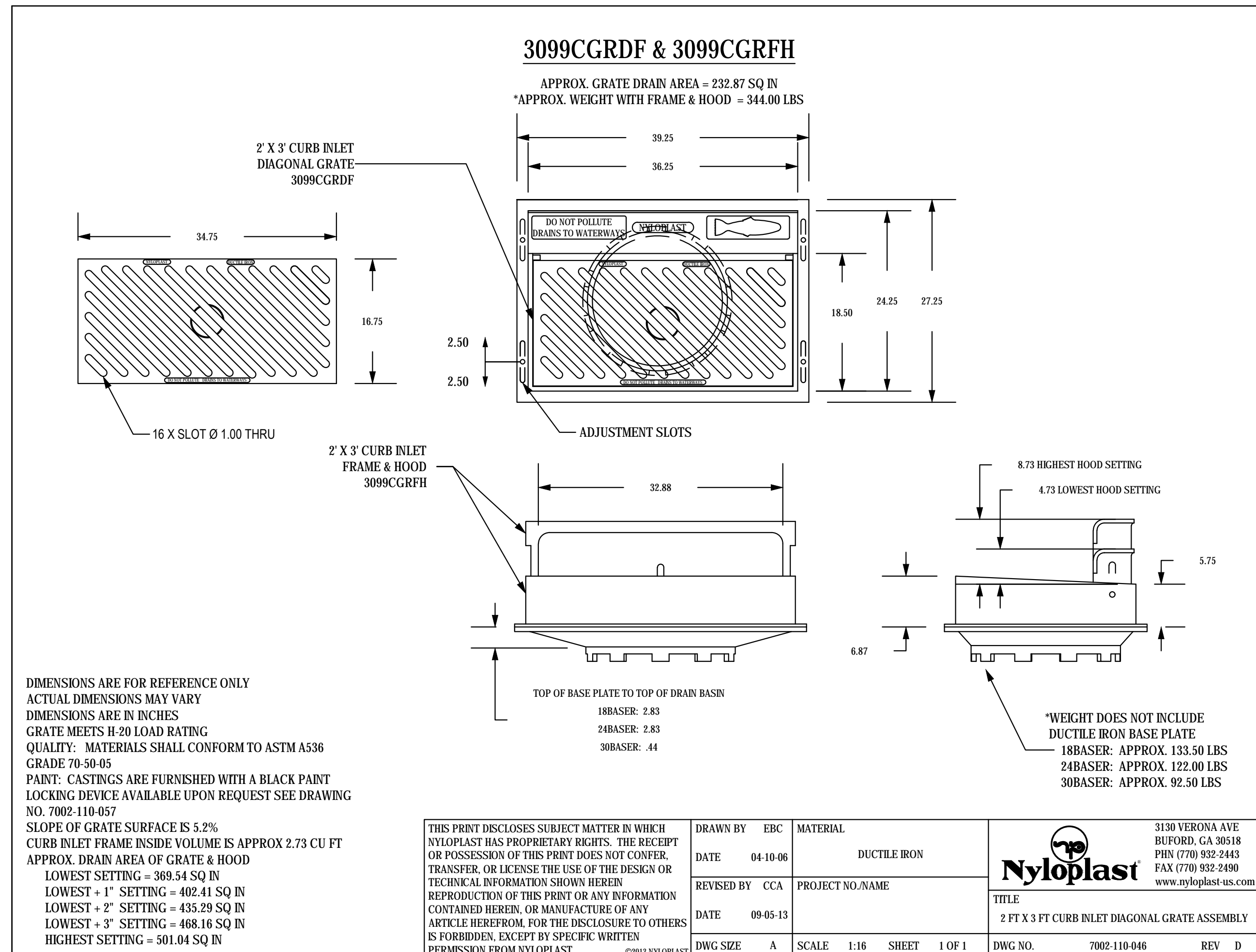
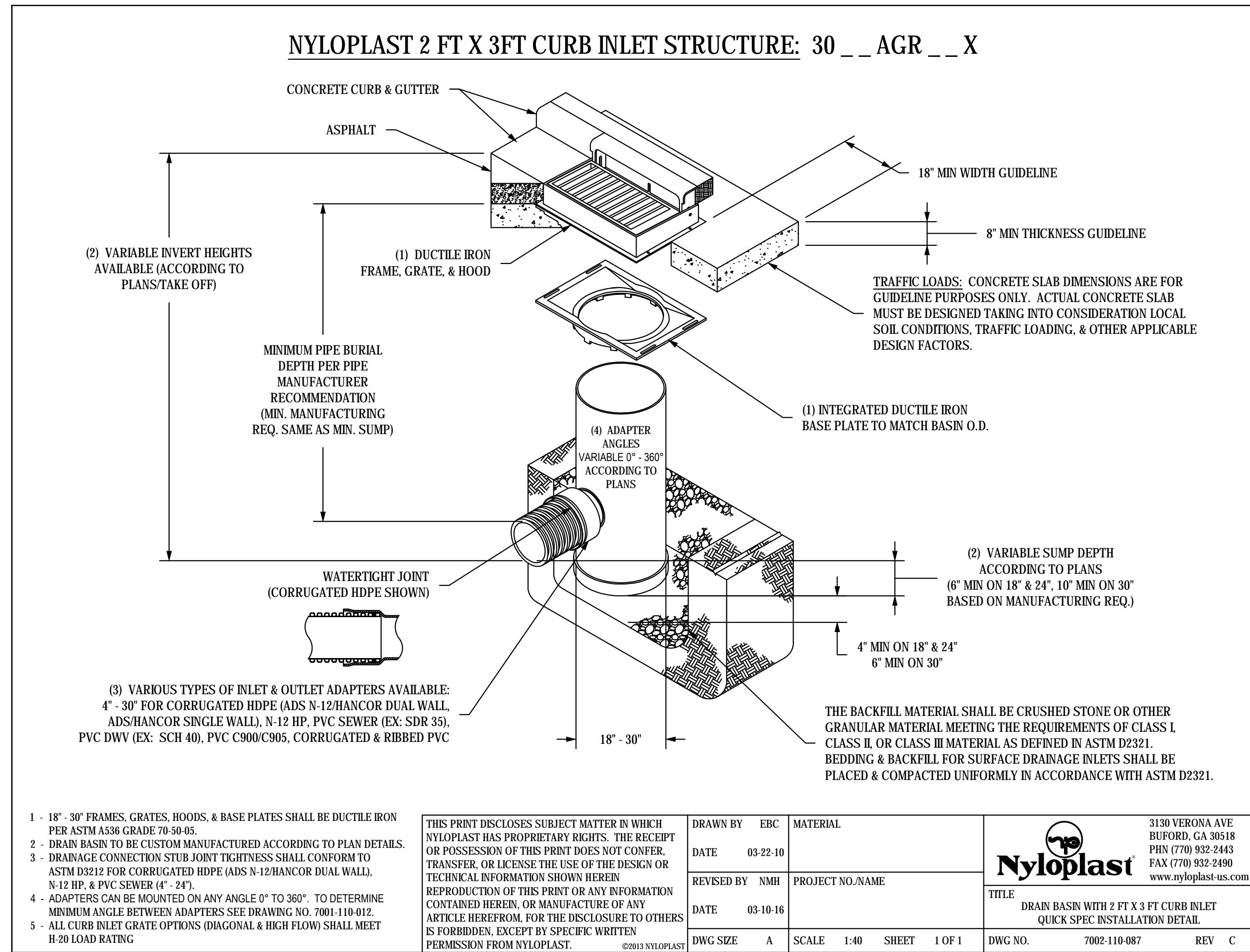
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

Date: 9/22/17
 Job Number: 170534-010
 Drawn By: ELM
 Checked By: MDM

Revisions:
 Number: 1
 Date: 10/30/17
 Description: CITY COMMENTS

Drawn By: MJP
 Checked By: DE
 Date: 04/17
 Title: GEN-4



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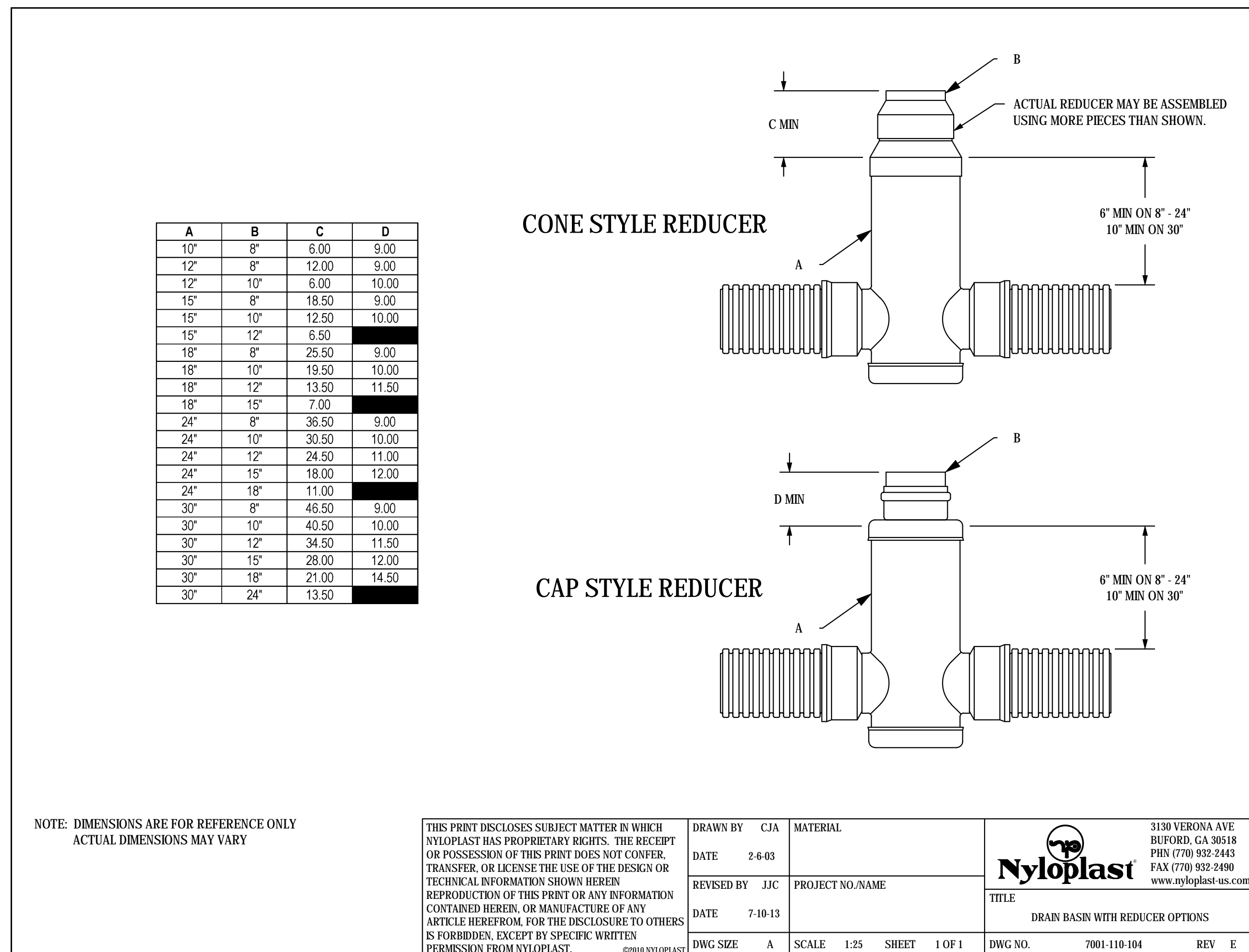
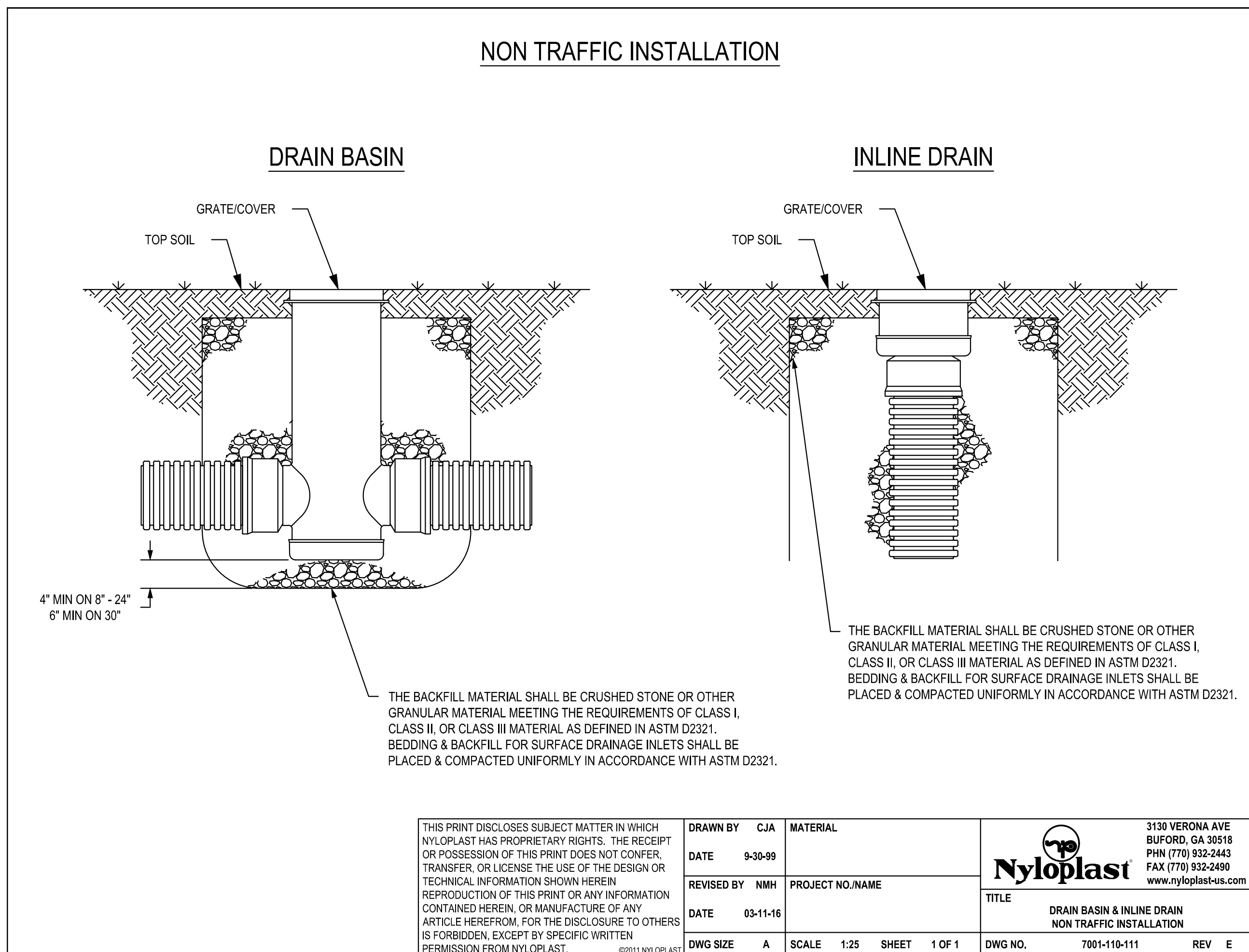
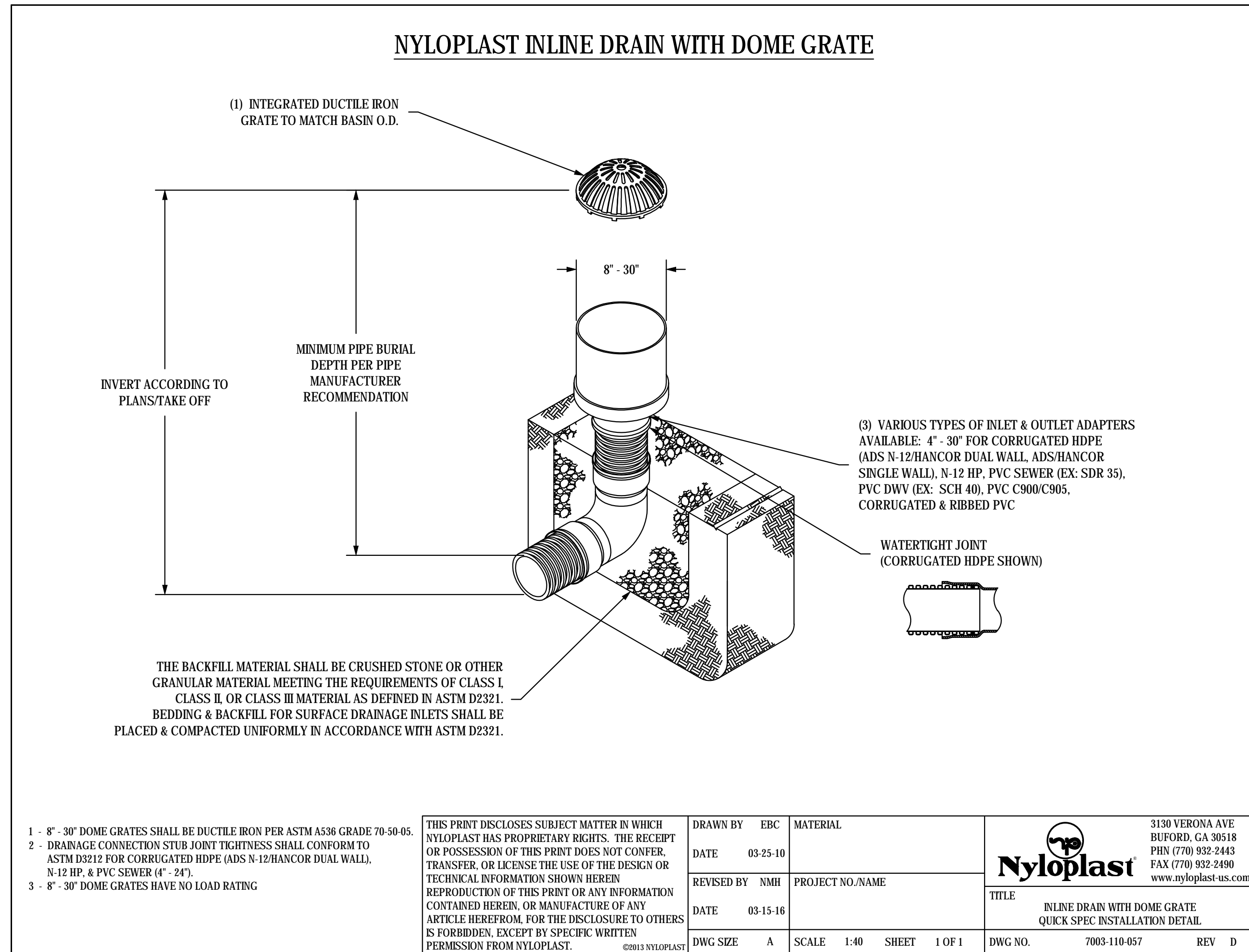
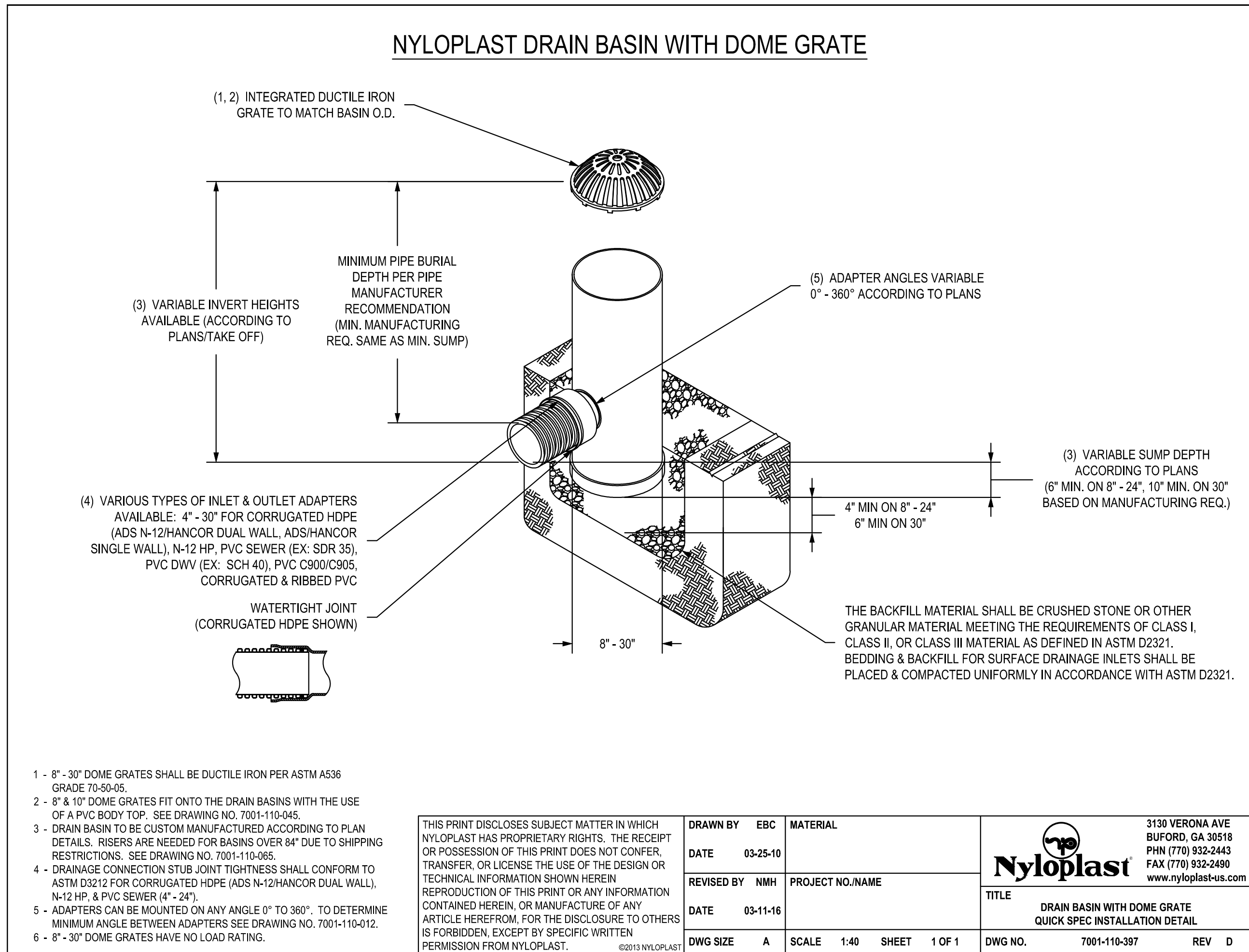
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
 Lee's Summit, Missouri

| | |
|------------|------------|
| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | ELM |
| Checked By | MDM |

| Revisions | Number | Date | Description |
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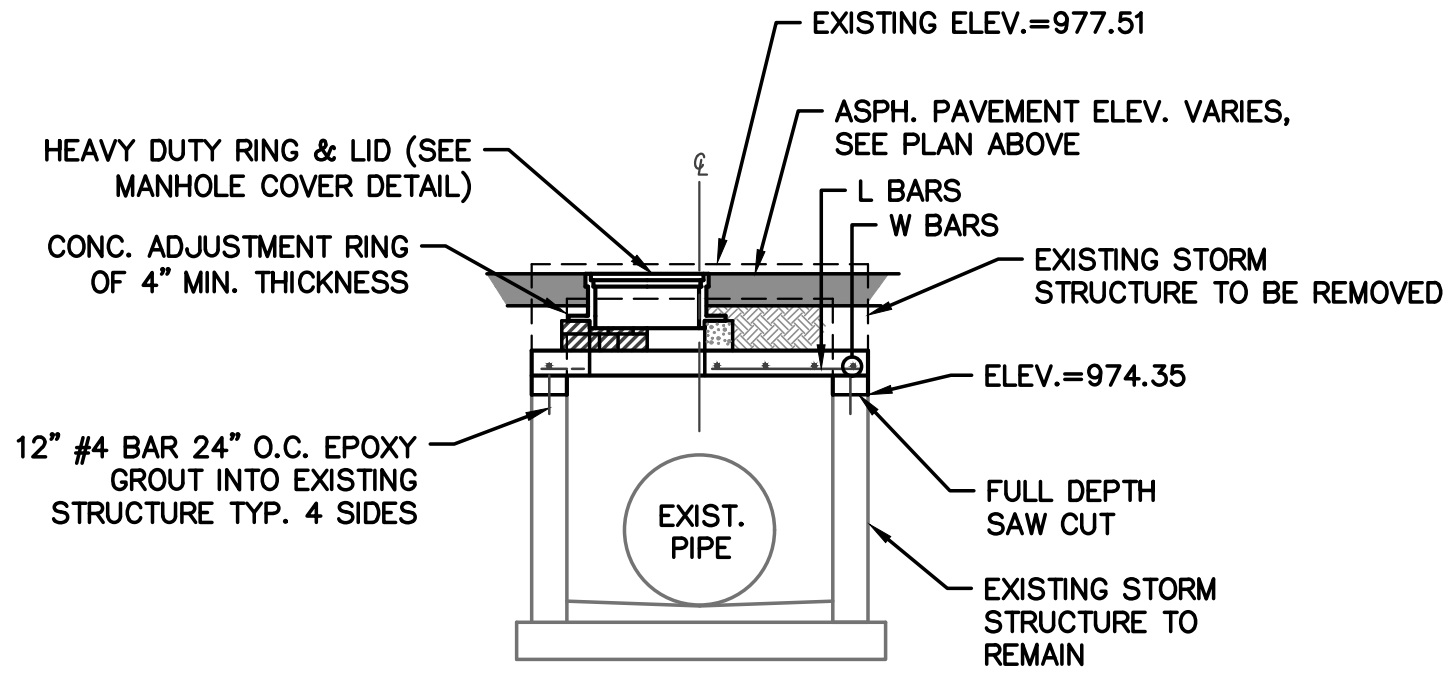
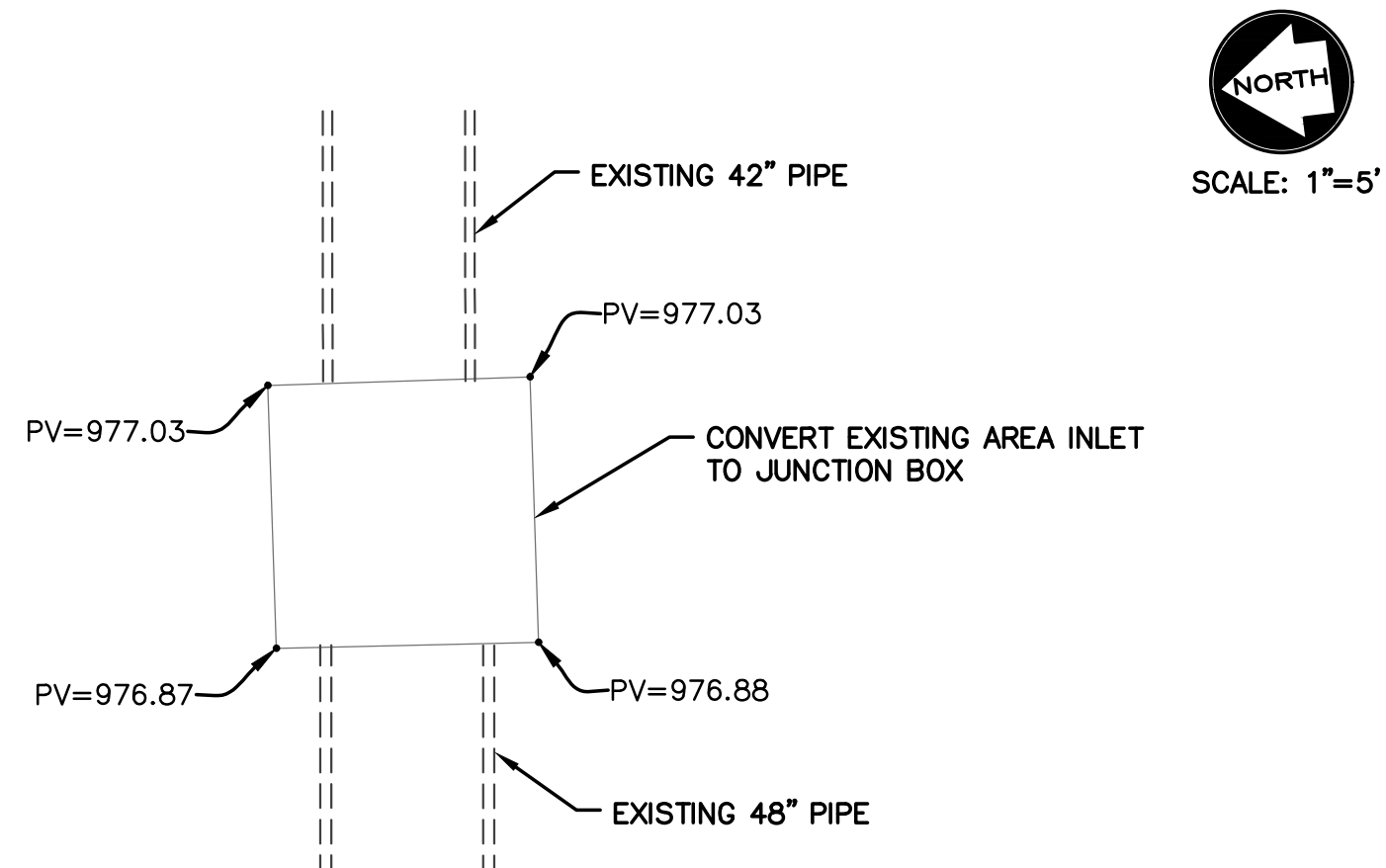
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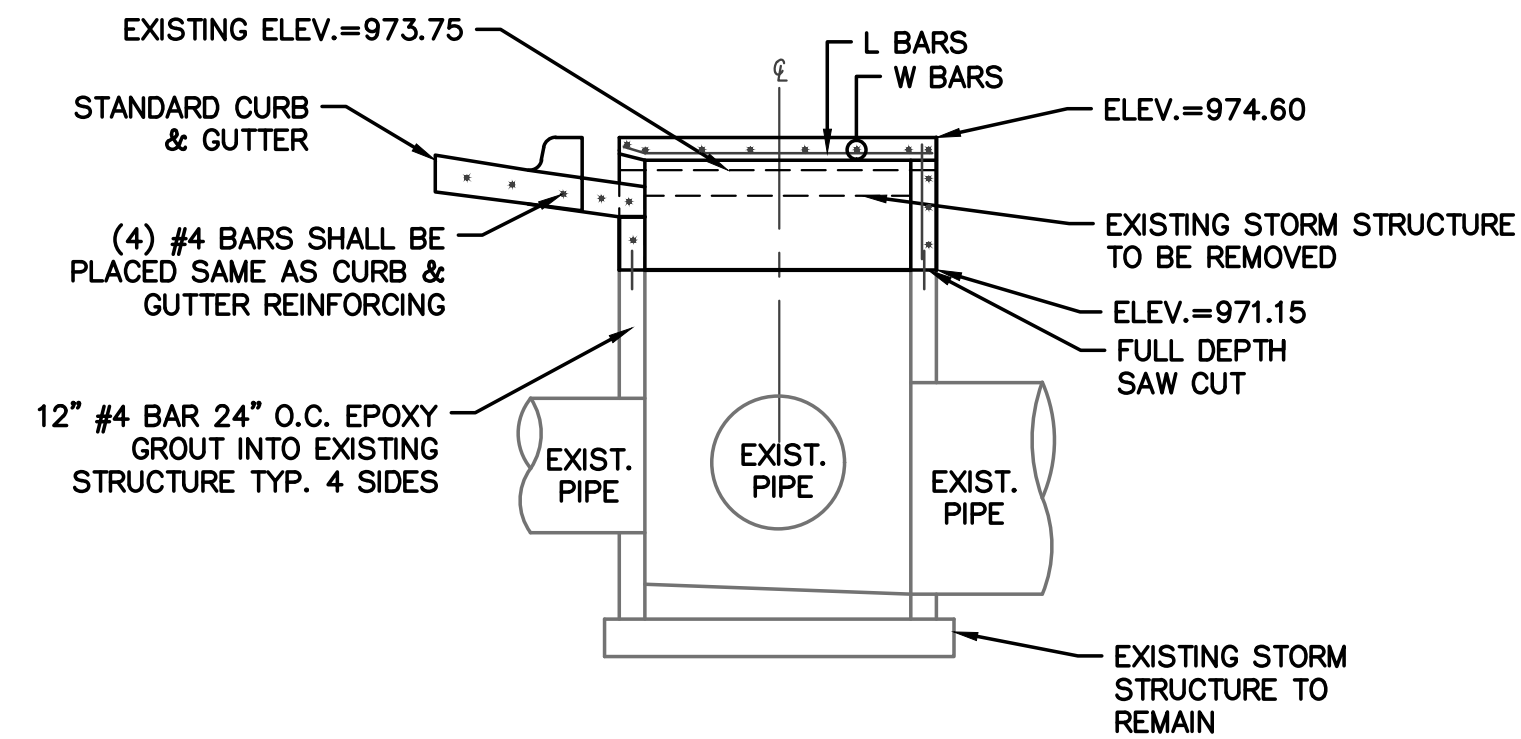
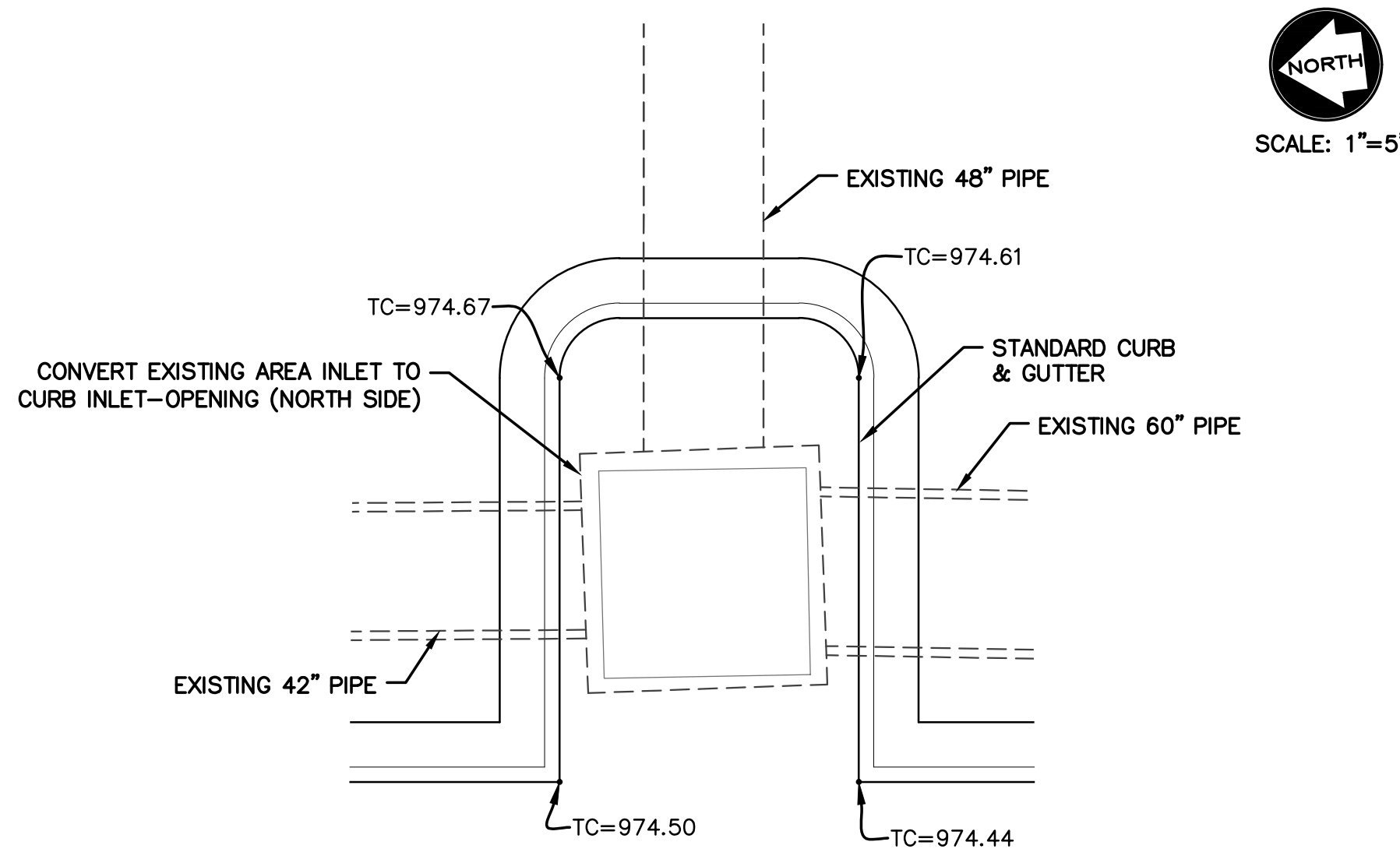
Revisions
 Number Date Description
 1 10/30/17 CITY COMMENTS



REINFORCING

| BAR | SIZE | SPACING (IN.) |
|-----|------|---------------|
| L | 5 | 6 |
| W | 5 | 6 |

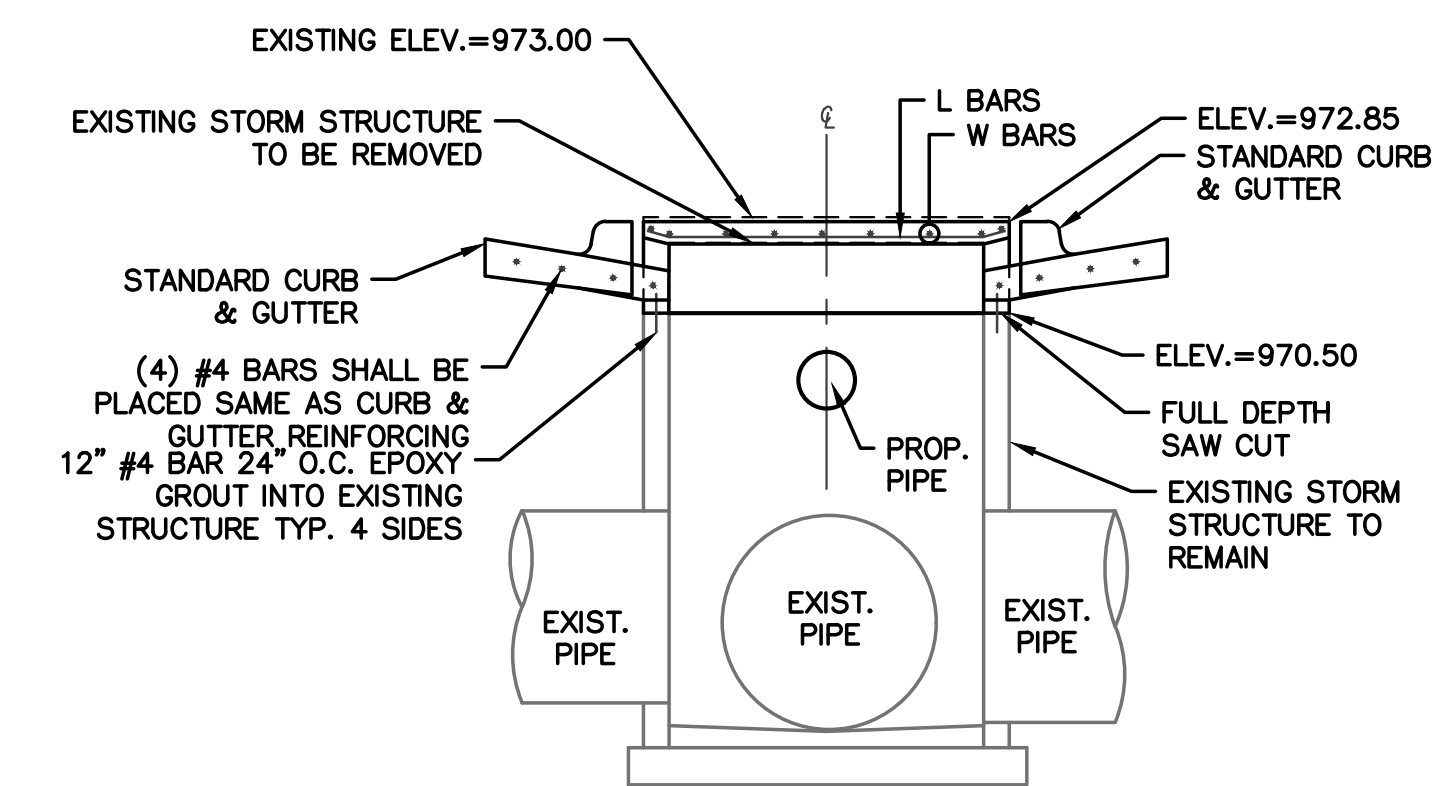
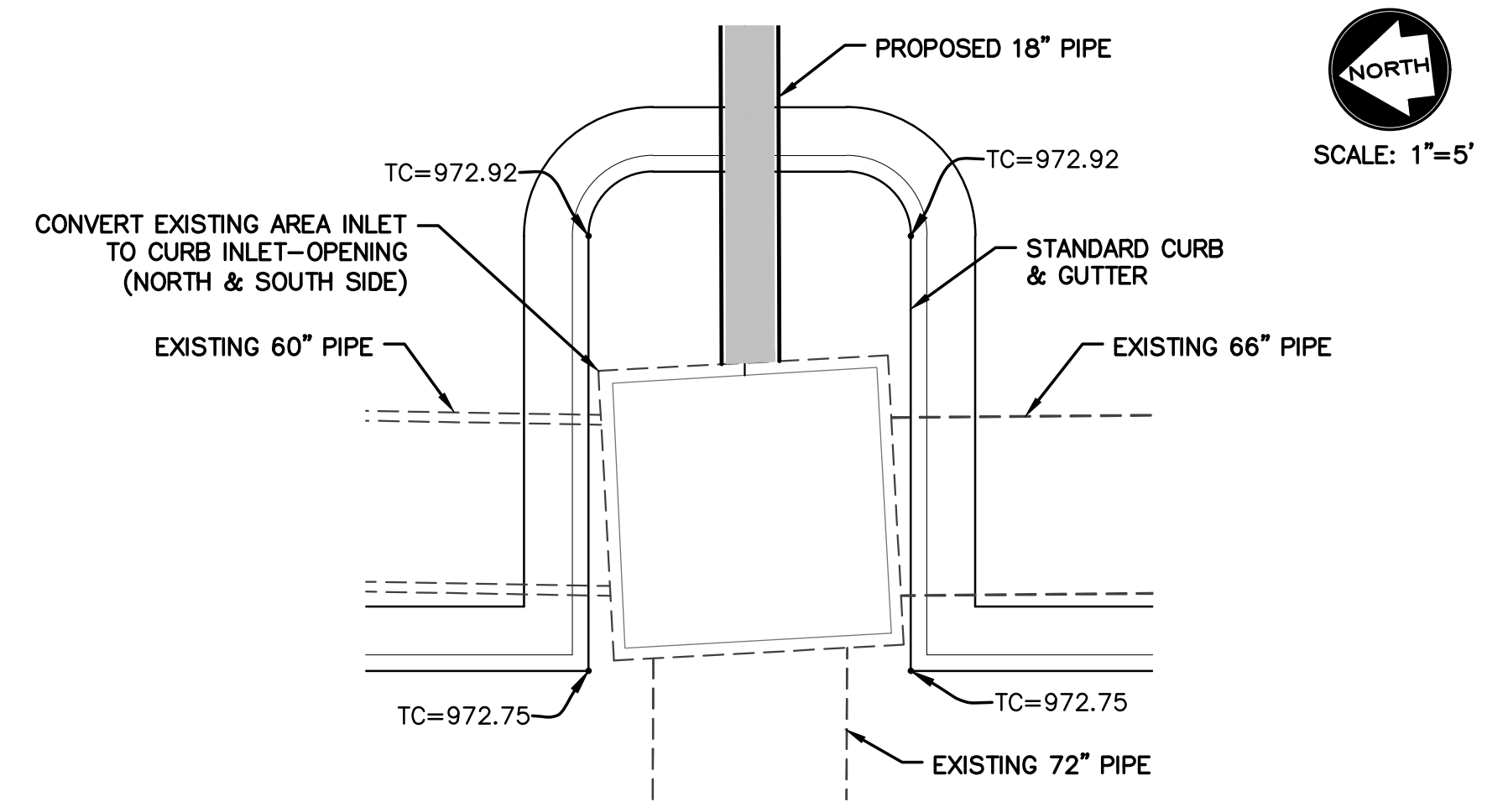
DETAIL 1 (EX3A)
AREA INLET TO JUNCTION BOX DETAIL



REINFORCING

| BAR | SIZE | SPACING (IN.) |
|-----|------|---------------|
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| W | 5 | 6 |

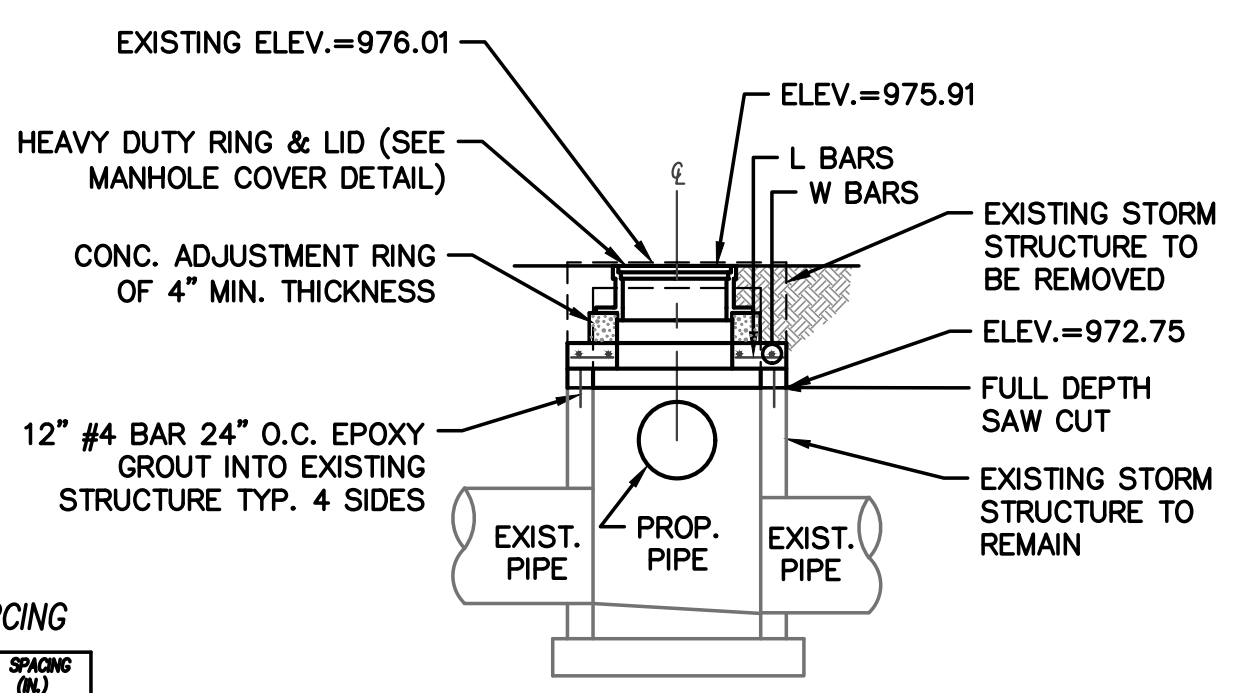
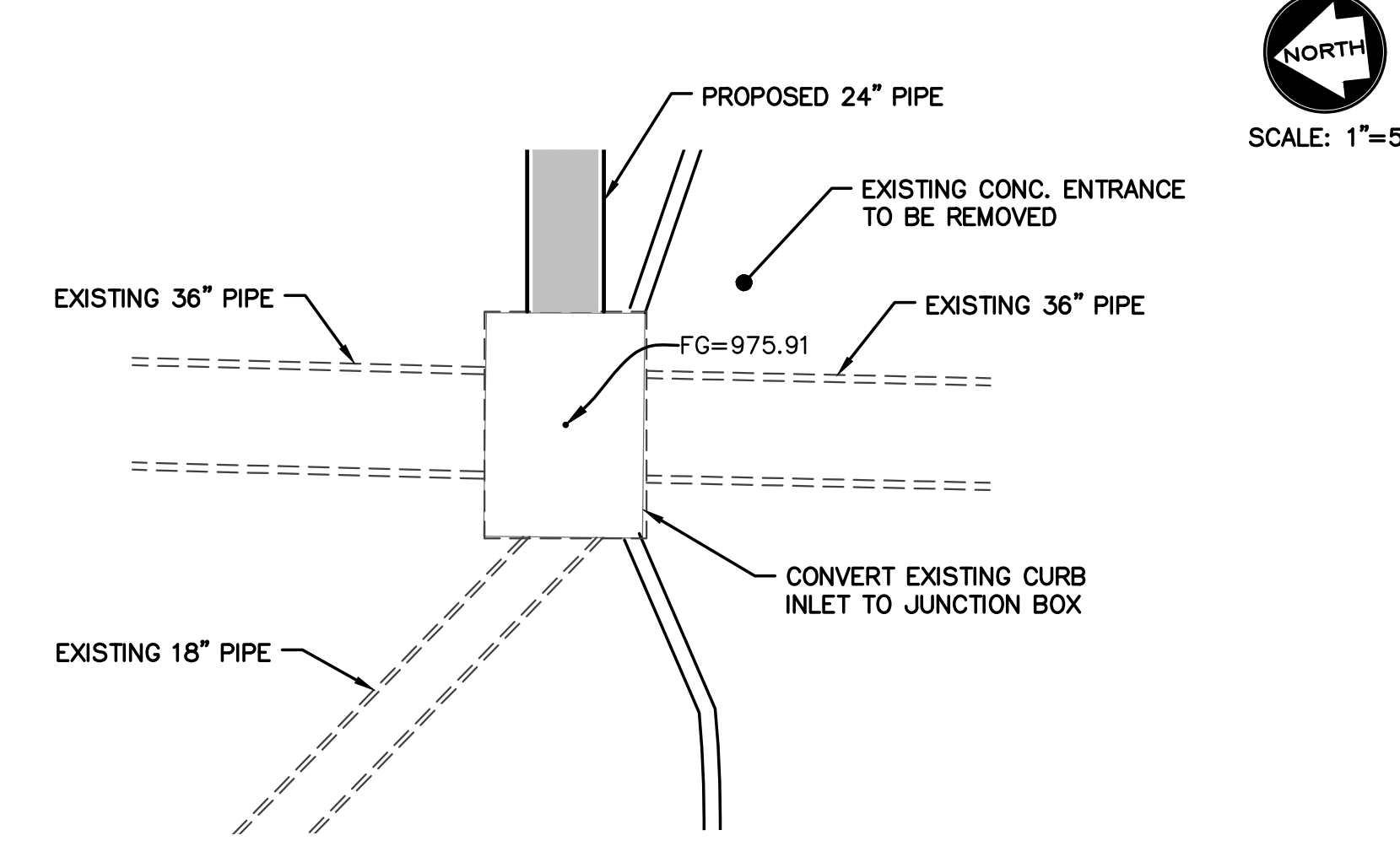
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AREA INLET TO CURB INLET DETAIL



REINFORCING

| BAR | SIZE | SPACING (IN.) |
|-----|------|---------------|
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| W | 5 | 6 |

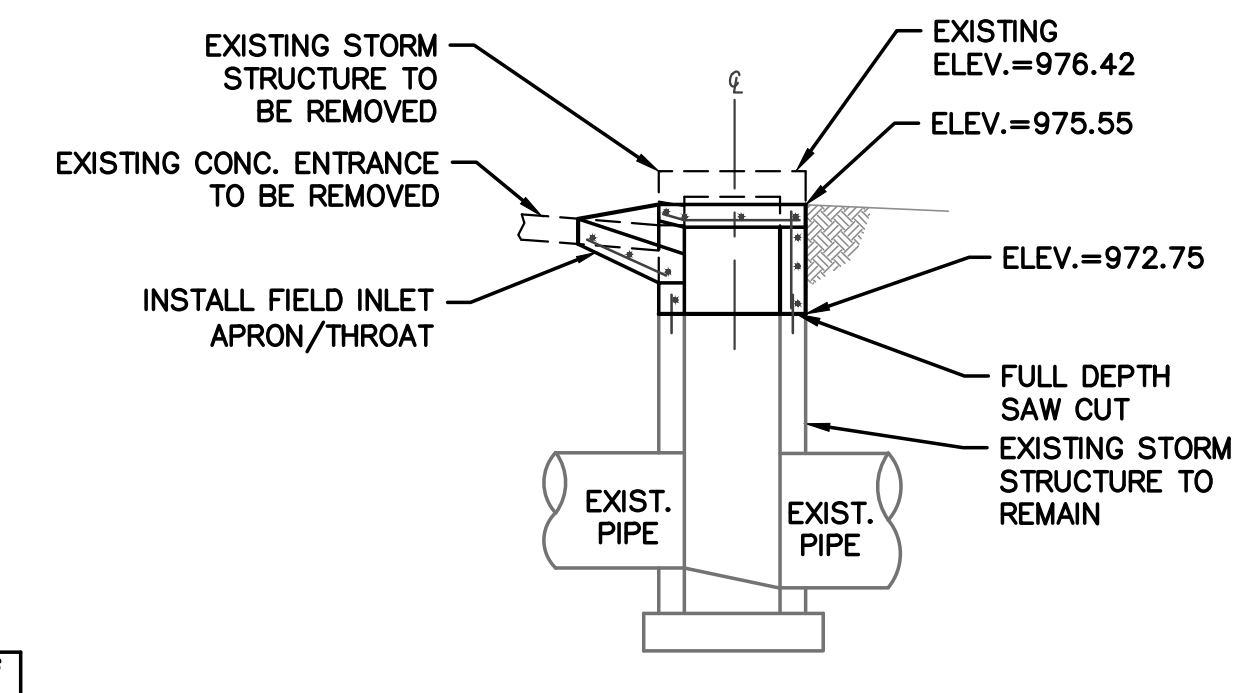
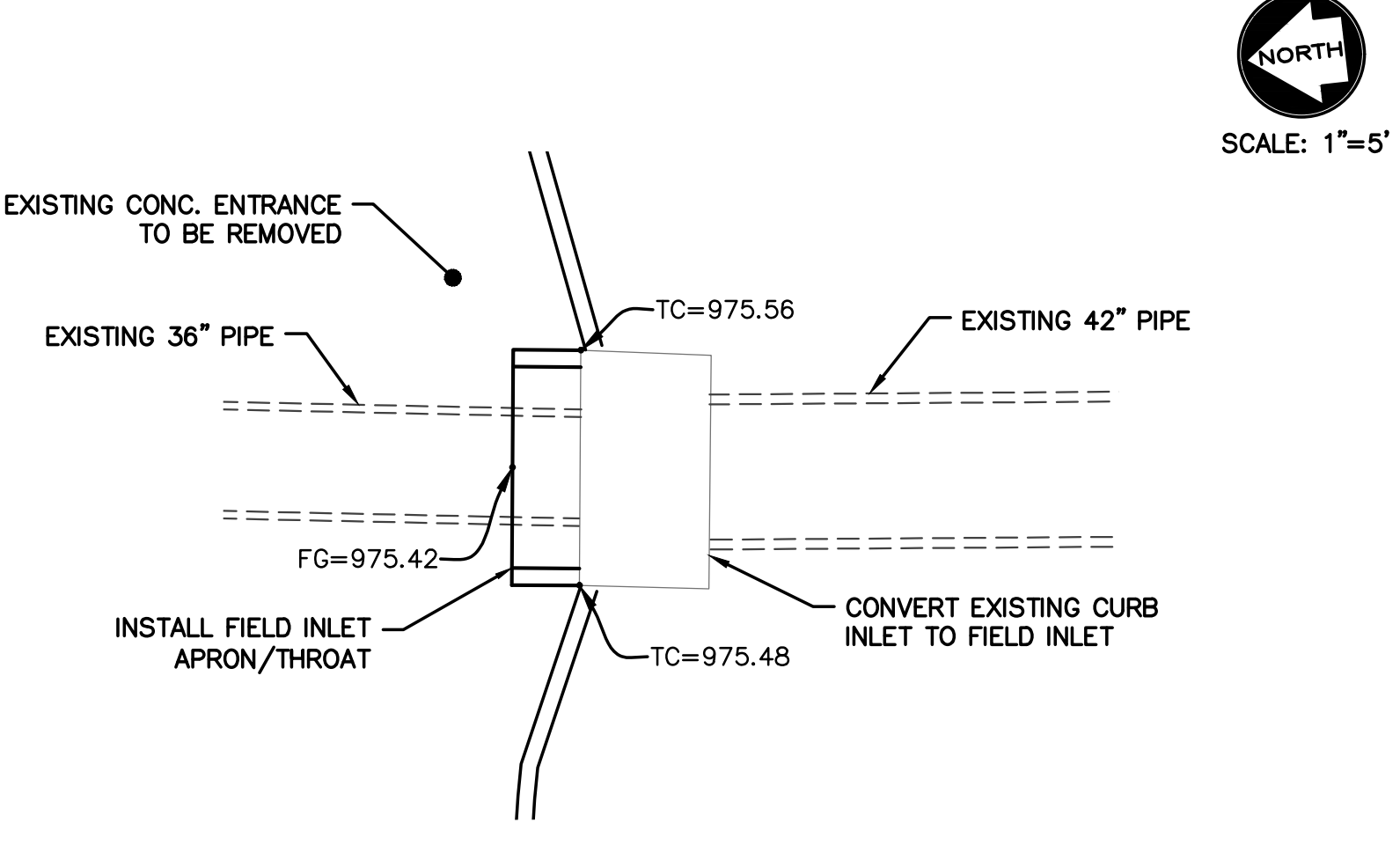
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AREA INLET TO CURB INLET DETAIL



REINFORCING

| BAR | SIZE | SPACING (IN.) |
|-----|------|---------------|
| L | 5 | 6 |
| W | 5 | 6 |

DETAIL 4 (EX1)
CURB INLET TO JUNCTION BOX DETAIL



REINFORCING

| BAR | SIZE | SPACING (IN.) |
|-----|------|---------------|
| L | 5 | 6 |
| W | 5 | 6 |

DETAIL 5 (EX4)
CURB INLET TO FIELD INLET DETAIL



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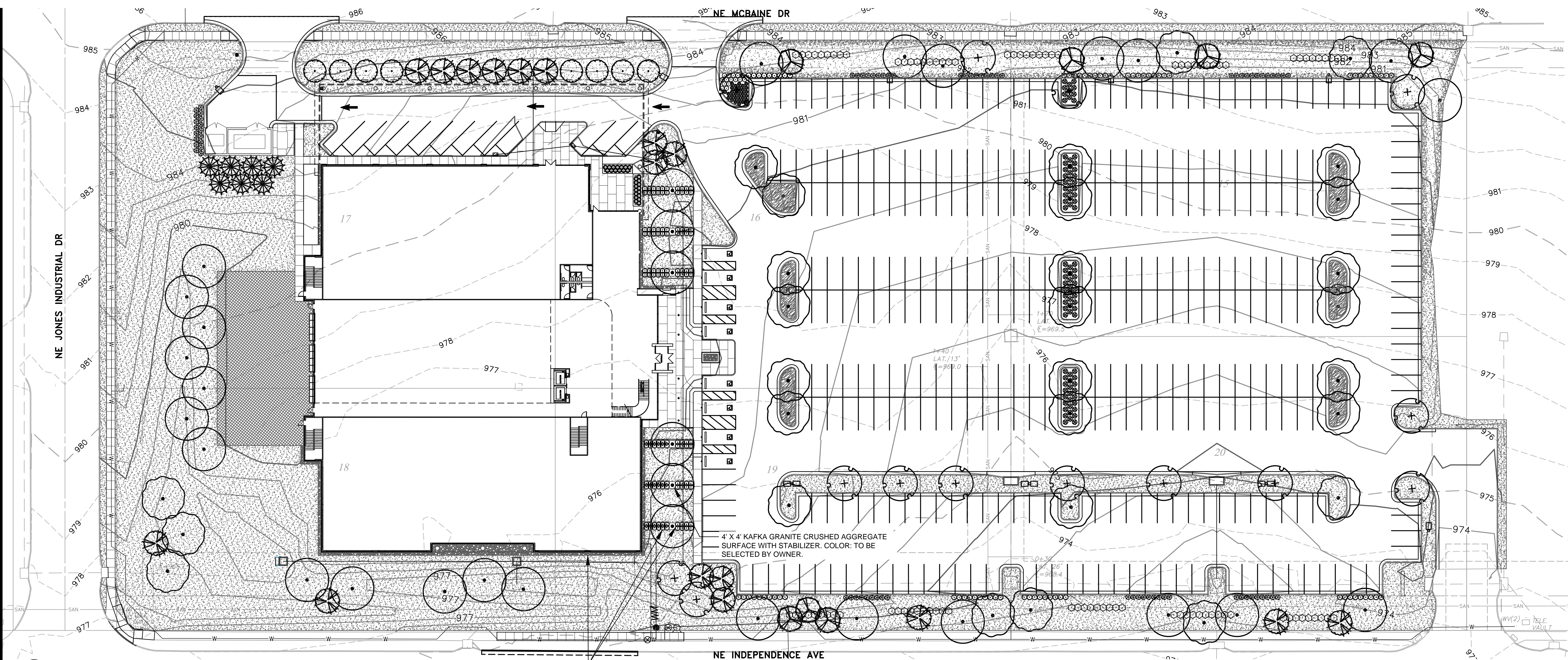
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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

Date 9/22/17
Job Number 170534-010
Drawn By ELM
Checked By MDM

Revisions

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1 OVERALL LANDSCAPE PLAN
1" = 30'-0"

PERMALOC 3/16" X 5.5" CLEANLINE EDGING, TYP. AT ALL ROCK LANDSCAPE BEDS ADJACENT TO TURF, ROCK AREAS, OR GRANITE SCREENWINGS. COLOR: BLACK DURAFLEX

- LANDSCAPE PLAN NOTES:**
- EXISTING UNDERGROUND (U/G), OVERHEAD (O.H.) UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO VERIFY EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE STARTING ANY WORK.
 - PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL GIVE 72 HOURS ADVANCED NOTICE TO ALL THOSE COMPANIES/UTILITIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION SITE.
 - CONTRACTOR SHALL VERIFY ALL LANDSCAPE MATERIAL QUANTITIES AND SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE LANDSCAPE ARCHITECT.
 - CONTRACTOR SHALL STAKE/LAYOUT PLANT LOCATIONS IN THE FIELD & HAVE APPROVAL BY LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH INSTALLATION.
 - NO SUBSTITUTIONS (INCL. CULTIVARS) SHALL BE ACCEPTED WITHOUT WRITTEN APPROVAL PER SPECIFICATIONS. PROPOSED PLANT SUBSTITUTIONS REQUIRE APPROVAL OF THE LANDSCAPE ARCHITECT, CITY OF OVERLAND PARK, KS & THE OWNER'S REPRESENTATIVE.
 - ALL PLANT MATERIAL SHALL BE OF EXCELLENT QUALITY, FREE OF DISEASE & INFESTATION—TRUE TO TYPE, VARIETY, SIZE SPECIFIED, & FORM PER ANSA STANDARDS.
 - ALL PROPOSED TREES AND SHRUBS SHALL BE LAID OUT IN A UNIFORM AND CONSISTENT PATTERN, FOLLOWING THE LANDSCAPE PLAN ACCURATELY. INSTALL ALL PLANTS PER PLANTING DETAILS.
 - ALL TREES & MULCH BEDS (UNLESS ROCK MULCH) SHALL RECEIVE 3" MIN. OF SHREDDED DARK PREMIUM HARDWOOD MULCH, AS DETAILED. ADD PREEN OR SNAPSHOT TO BEDS BEFORE & AFTER MULCHING FROM MARCH 1 TO OCTOBER 1. IF WINTER INSTALLATION, RETURN NEXT SPRING & INSTALL PREEN/SNAPSHOT WITH NEW MULCH.
 - ROCK MULCH SHALL BE 3"-5" BLACK MEXICAN BEACH PEBBLES FROM STRUGIS OUTDOORS OR APPROVED EQUAL. PLACE OVER FIN WEEB BARRIER FABRIC TO 8" IN DEPTH. ELEVATION OF TOP OF ROCK SHALL BE 1/4" BELOW ANY ADJACENT PAVEMENT.
 - TREE TIES SHALL BE DEWITT 20" STRAPS FOR TREE STAKING. USE 10 GAUGE ELECTRIC WIRE. TREES AND STAKES SHALL BE STRAIGHT, FLAME AND TALL. TREE STAKES TO BE REMOVED WINTER OF YEAR 2 AFTER INSTALLATION.
 - CONTRACTOR SHALL THOROUGHLY WATER—IN EACH PLANT IMMEDIATELY FOLLOWING INSTALLATION AND CONTINUE WATERING UNTIL SUBSTANTIAL COMPLETION. CONTRACTOR REQUIRED TO COORDINATE WATERING WITH THE OWNER AFTER SUBSTANTIAL COMPLETION. PROVIDE HOURLY RATE TO WATER THE SITE, IF IRRIGATION NOT INSTALLED OR NOT WORKING.
 - ALL AREAS OF THE SITE DISTURBED DURING CONSTRUCTION THAT ARE NOT DESIGNATED AS BEDS / PAVEMENT AREAS SHALL BE SODED WITH 90% TURF-TYPE TALL FESCUE AND 10% BLUEGRASS MIX SOD (NATURE'S CARPET - L.C. BRIGGS TURF FARM, CAPEN BRIGGS 816.547.6214 OR EQUAL).
 - CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING ALL AREAS OF SOD, ROCK & MULCH AND THE AMOUNTS OF EACH NEEDED FOR OPTIMUM COVERAGE.
 - NO TREES SHALL BE PLANTED OVER TOP OF ANY UTILITY LINES OR PIPES. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO PLANTING AND ANY MODIFICATIONS TO TREE LOCATIONS SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT AND APPROVED BY THE CITY PRIOR TO PLANTING.
 - ALL PLANT MATERIALS AND IRRIGATION SYSTEM SHALL BE GUARANTEED FOR 1 YEAR FROM DATE OF SUBSTANTIAL COMPLETION. PLANT MATERIALS WILL BE ONE TIME REPLACEMENT AND RECORDS KEPT BY THE LANDSCAPE CONTRACTOR FOR ALL REPLACEMENTS.
 - THIS LANDSCAPE PLAN IS DESIGNED TO BE IN CONFORMANCE WITH THE CITY OF LEE'S SUMMIT, MO UNIFIED DEVELOPMENT ORDINANCE. THE LANDSCAPE ARCHITECT WILL COORDINATE CLOSELY WITH THE CITY OF LEE'S SUMMIT, MO TO MAKE SURE FINAL DEVELOPMENT AND PERMIT PLANS ARE IN CONFORMANCE WITH THIS CODE.

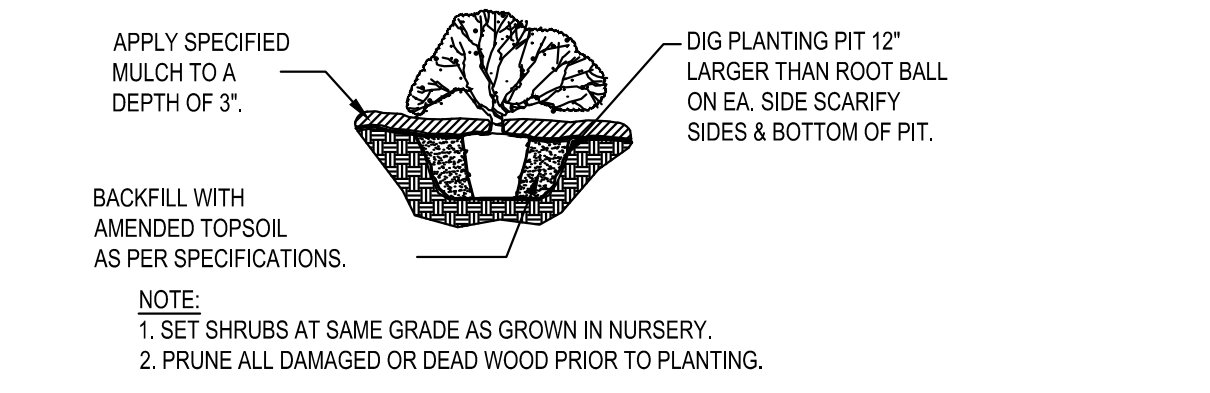
2 LANDSCAPE NOTES
NTS

LANDSCAPE REQUIREMENTS
PER THE LEE'S SUMMIT UDO -ARTICLE 14:

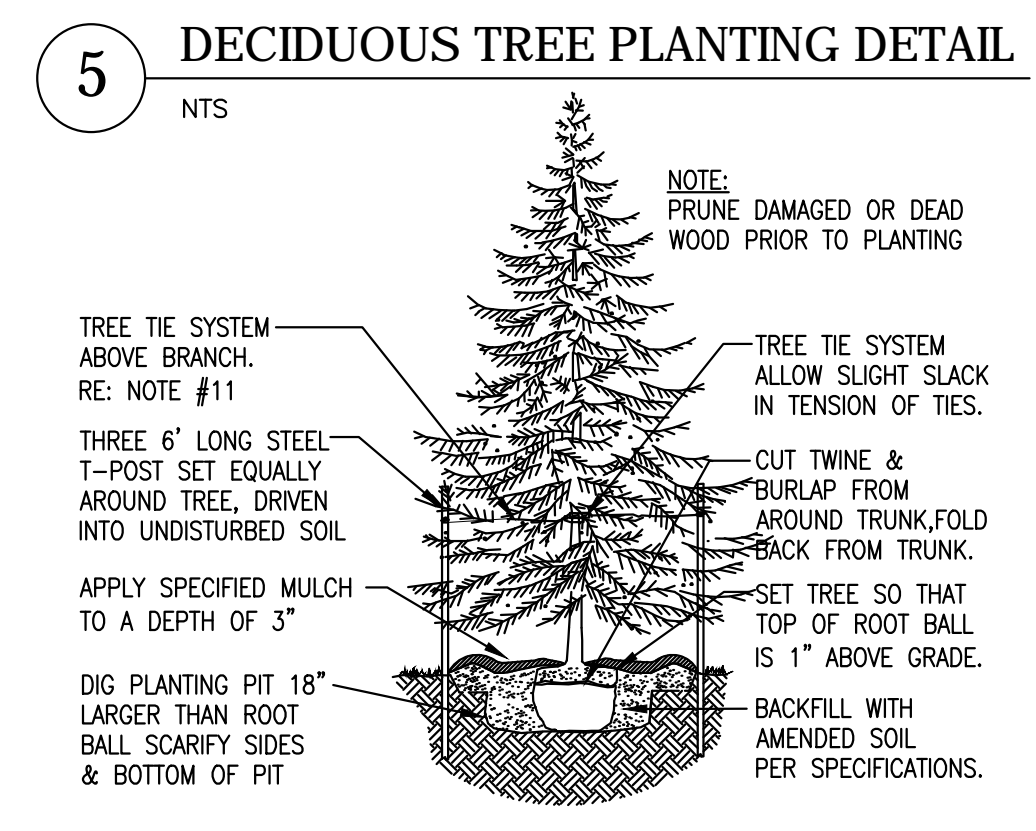
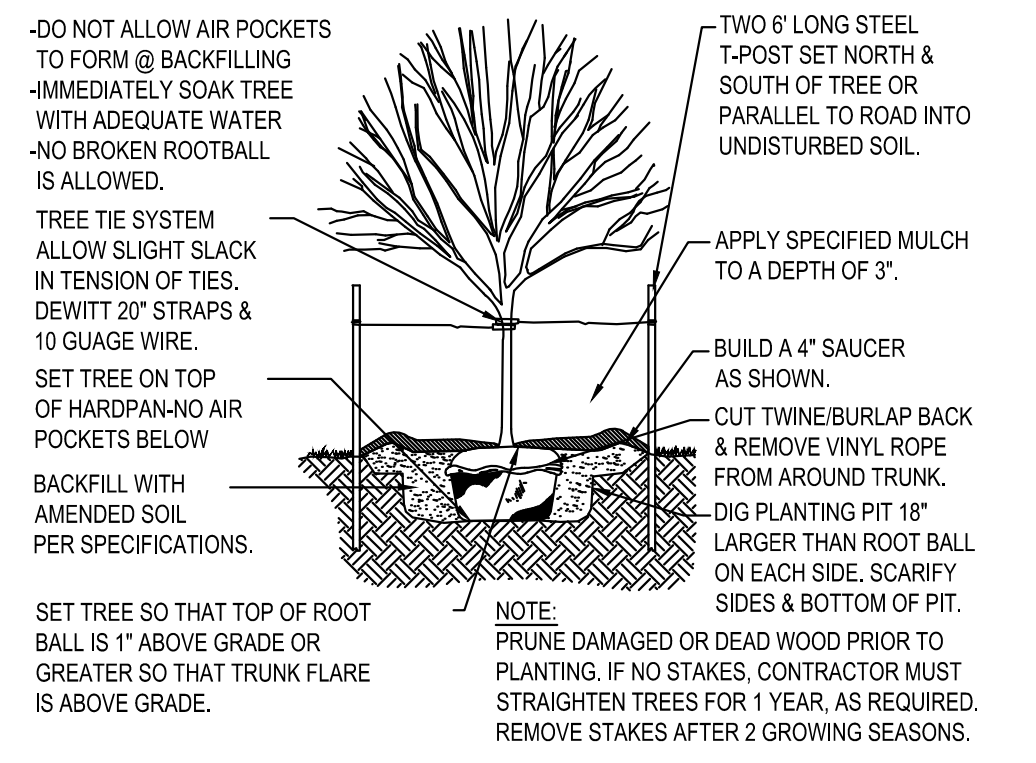
| STREET FRONTAGE | LENGTH | REQUIRED | PROVIDED |
|-------------------------|--------|--|-------------------------------|
| NE INDEPENDENCE AVE. | 781 LF | ONE TREE PER 30 LF FRONTAGE (26 TREES) ONE SHRUB PER 20 LF FRONTAGE (39 SHRUBS) | 26 NEW TREES 39 NEW SHRUBS |
| NE JONES INDUSTRIAL DR. | 340 LF | ONE TREE PER 30 LF FRONTAGE (11 TREES) ONE SHRUB PER 20 LF FRONTAGE (17 SHRUBS) | 11 NEW TREES 17 NEW SHRUBS |
| NE MCBAIN DR. | 781 LF | ONE TREE PER 30 LF FRONTAGE (26 TREES) ONE SHRUB PER 20 LF FRONTAGE (39 SHRUBS) | 26 NEW TREES 39 NEW SHRUBS |

| OPEN SPACE AREA: | 1 TREE PER 5,000 SF OF LOT AREA NOT COVERED BY BUILDINGS/STRUCTURES 223,374 SF OPEN SPACE AREA = 45 TREES REQUIRED/50 TREES PROVIDED |
|------------------|--|
| | 2 SHRUBS PER 5,000 SF OF LOT AREA NOT COVERED BY BUILDINGS/STRUCTURES 223,374 SF OPEN SPACE AREA = 89 SHRUBS REQUIRED/128 SHRUBS PROVIDED |

| PARKING LOT ISLANDS: | 5% OF TOTAL PARKING AREA TO BE LANDSCAPE ISLANDS (123,305 TOTAL SF PARKING AREA) 6,165 REQUIRED SF LANDSCAPE ISLANDS/6,414 PROVIDED SF LANDSCAPE ISLANDS |
|----------------------|---|
|----------------------|---|



3 SHRUB & PERENNIAL PLANTING DETAIL
NTS

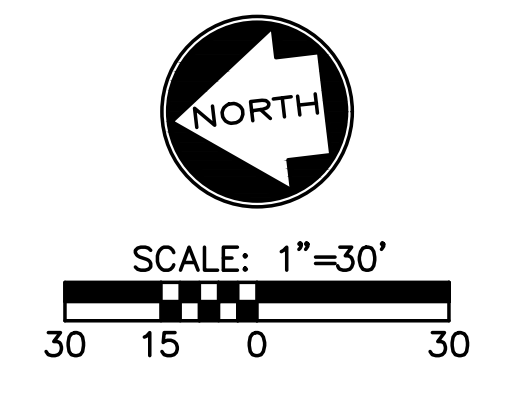


4 EVERGREEN TREE PLANT DETAIL
NTS

PLANT SCHEDULE

| TREES | CODE | QTY | BOTANICAL NAME / COMMON NAME | CONT | CAL | SIZE |
|---------------|------|-----------|--|----------|----------|--------|
| | AS | 31 | Acer myrabei 'State Street' / Miyabei Maple | B & B | | 3' Cal |
| | AG | 17 | Amelanchier x grandiflora 'Autumn Brilliance' / 'Autumn Brilliance' Serviceberry | B & B | | 8' Ht. |
| | CF | 8 | Carpinus betulus 'Franz Fontaine' / Franz Fontaine Hornbeam | B & B | | 3' Cal |
| | GA | 14 | Ginkgo biloba 'Autumn Gold' TM / Autumn Gold Ginkgo | B & B | | 3' Cal |
| | MP | 7 | Malus x 'Prairifire' / Prairifire Crab Apple | B & B | | 3' Cal |
| | PF | 7 | Pinus flexilis 'Vanderwolf's Pyramid' / Vanderwolf's Pyramid Pine | B & B | | 8' Ht. |
| | QB | 29 | Quercus bicolor / Swamp White Oak | B & B | | 3' Cal |
| SHRUBS | CODE | QTY | BOTANICAL NAME / COMMON NAME | CONT | | |
| | BS | 194 | Buxus microphylla 'Sprinter' / Sprinter Boxwood | 5 gal | | |
| | CO | 28 | Calamagrostis x acutiflora 'Overdam' / Overdam Feather Reed Grass | 1 gal | | |
| | CA | 93 | Cornus stolonifera 'Arctic Fire' / Arctic Fire Dogwood | 5 gal | | |
| | JF | 74 | Juniperus chinensis 'Sea Green' / Sea Green Juniper | 5 gal | | |
| | JG | 89 | Juniperus procumbens 'Green Mound' / Green Mound Juniper | 5 gal | | |
| | R3 | 15 | Rosa x 'Novarosp' / Popcorn Drift Rose | 3 gal | | |
| | SH | 30 | Sporobolus heterolepis / Prairie Dropseed | 1 gal | | |
| GROUND COVERS | CODE | QTY | BOTANICAL NAME / COMMON NAME | CONT | SPACING | |
| | A1 | 48 | Annual Bed / Annual Beds | 4" pot | 10" o.c. | |
| | DD | 921 sf | Decorative Rock / Decorative Rock | Ton | | |
| | FS | 79,791 sf | Fescue Sod / Drought-Tolerant Fescue Sod | sy rolls | | |
| | RG | 125 | Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac | 3 Gal. | 48" o.c. | |

6 PLANT SCHEDULE
NTS



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Licensee's Certificate of Authority Number:
Missouri No.: 000958 (Expires: 12.31.2017)

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Proposed New Core & Shell Building For:
Lee's Summit Surgical
Lee's Summit, Missouri

| | |
|------------|------------|
| Date | 9/22/17 |
| Job Number | 170534-010 |
| Drawn By | GMP |
| Checked By | GMP |

| Revisions | Number | Date | Description |
|-----------|--------|------|-------------|
| | | | |