

SITE DEVELOPMENT PLANS FOR SCOOTER'S DRIVE THRU KIOSK ADDRESS: 707 NE RICE ROAD IN THE CITY OF LEE'S SUMMIT, MISSOURI

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GENERAL NOTES:

- The contractor shall contact the City's Development Services Engineering Inspection to schedule a pre-construction meeting with an inspector prior to any land disturbance work at (816) 969-1200.
- Per the Missouri Department of Natural Resources, there are no oil and gas wells present on the property.



PROJECT LOCATION

PREPARED & SUBMITTED BY:

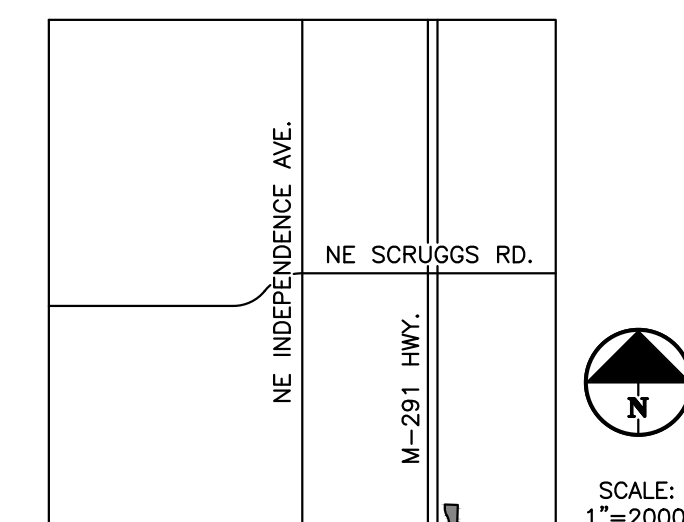
PHELPS ENGINEERING, INC.
1270 N. WINCHESTER
OLATHE, KS 66061
913-393-1155 OFFICE
913-393-1166 FAX
CONTACT: JUDD CLAUSSEN, P.E.

OWNER:

GRAEVE ENTERPRISES, LLC
200 NE WOODS CHAPEL ROAD
LEE'S SUMMIT, MO 64068
913-660-3589
CONTACT: TODD GRAEVE

DEVELOPER:

LOVING CUP, L.L.C.
10560 BARKLEY ST., SUITE 350
OVERLAND PARK, KS 66212
913-232-3893
CONTACT: JACOB BURNETT



CHIPMAN ROAD
VICINITY MAP
SEC. 32-48-31

UTILITY COMPANIES:

MISSOURI GAS ENERGY (816) 969-2218
LUCAS WALLS (LUCAS.WALLS@SUG.COM) 3025 SOUTHEAST CLOVER DRIVE LEE'S SUMMIT, MO 64082

EVERGY (816) 347-4339
PHILLIP INGRAM (PHILLIP.INGRAM@KCPL.COM) (816) 347-4316
RON DEJARNETTE (RON.DEJARNETTE@KCPL.COM) 1300 HAMBLEN ROAD LEE'S SUMMIT, MO 64081

STORM SEWER (PUBLIC WORKS DEPARTMENT) (816) 969-1800
220 SE GREEN STREET
LEE'S SUMMIT, MO 64063

SANITARY SEWER & WATER (WATER UTILITIES DEPT.) (816)-969-1900
1200 SE HAMBLEN ROAD,
LEE'S SUMMIT, MO 64081

AT&T (913) 383-4929
MR. CLAYTON ANSPAUGH (CA4089@ATT.COM) (913) 383-4849-FAX
9444 NALL AVENUE
OVERLAND PARK, KANSAS 66207



Know what's below.
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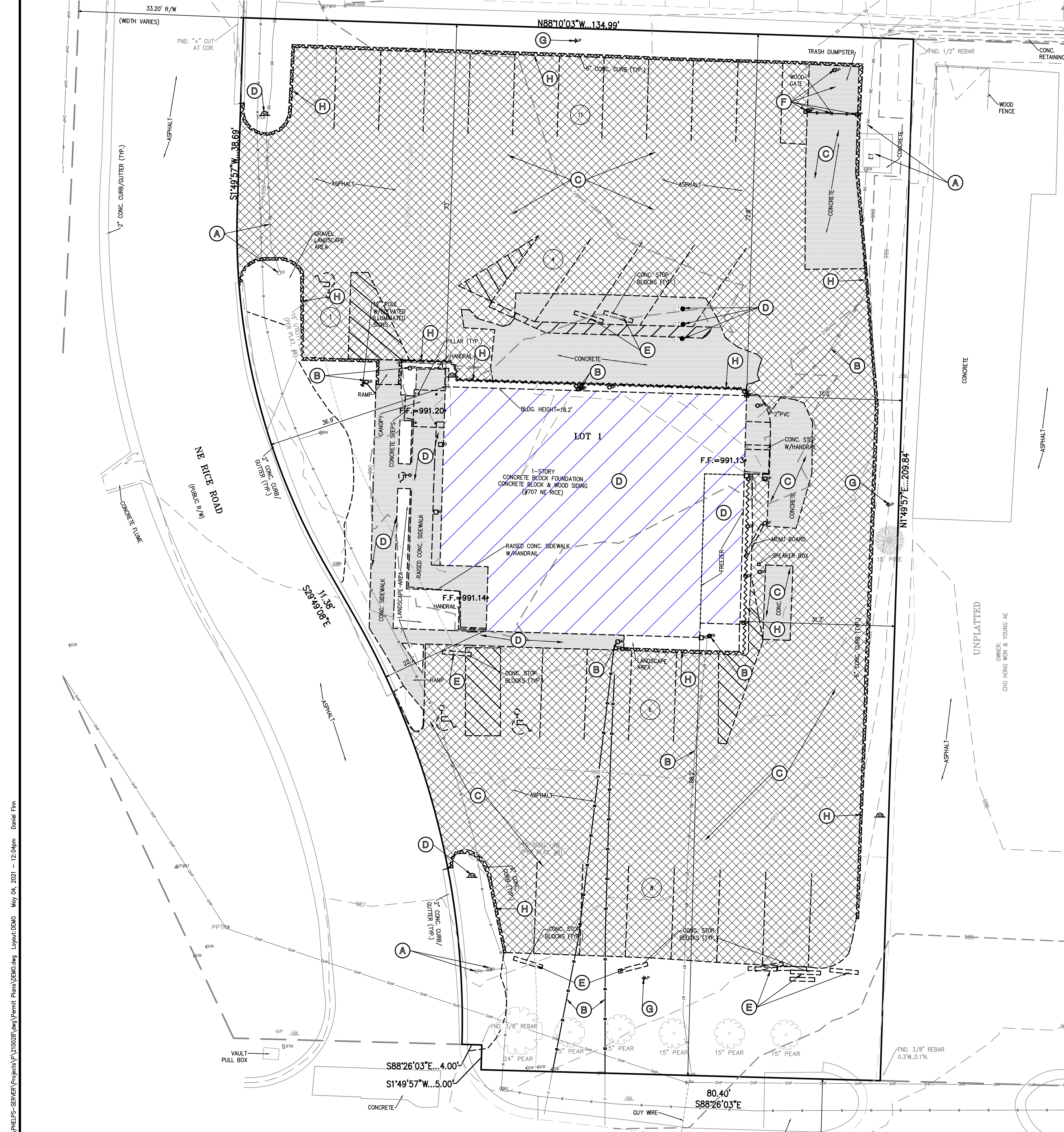
UTILITY NOTES:
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES CALL 811.



COVER SHEET
SCOOTER'S DRIVE THRU KIOSK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	DATE	BY	APP.	REVISIONS
210028	4-22-21	SNH	DAF	REVISED PER CITY COMMENTS
210028	5-04-21	SNH	DAF	REVISED PER CITY COMMENTS
210028				
210028				
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210028				
210028				

SHEET
C0



DEMOLITION KEY NOTES:

- (A) ALL UTILITIES SERVING STRUCTURES IMMEDIATELY SURROUNDING THE DEMOLITION BOUNDARY SHALL REMAIN IN SERVICE THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ANY DAMAGE TO SUCH UTILITIES. TYPICAL LOCATION.
 - (B) THE CONTRACTOR SHALL REMOVE ALL UNDERGROUND GAS LINES, WATER LINES, SANITARY AND STORM SEWER SERVICE LINES AND THEIR APPURTENANCES. APPURTENANCES INCLUDE, BUT NOT LIMITED TO, ALL PIPES, MANHOLES, JUNCTION BOXES, CATCH BASINS, YARD INLETS, FLUMES AND METER PITS. THE UTILITY SERVICES SHALL BE DISCONNECTED ALONG THE PROJECT BOUNDARY LINE TO THE EXISTING BUILDING TO BE DEMOLISHED.
 - (C) THE CONTRACTOR SHALL REMOVE EXISTING DRIVE ENTRANCE & EXISTING ASPHALT PARKING LOT. REMOVE EXISTING ASPHALT, CONCRETE, AND THE SUB-BASE GRAVEL TO THE EXISTING BUILDING TO BE DEMOLISHED.
 - (D) THE CONTRACTOR SHALL REMOVE ALL PRE-EXISTING STRUCTURES, FOUNDATIONS, FOOTINGS, PIERS, WATER WELLS, SEPTIC TANKS, LATERAL LINES, BURIED DEBRIS, MISCELLANEOUS CONCRETE, ETC. WHICH MAY BE ENCOUNTERED DURING DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL DISPOSE OF THESE MATERIALS IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES.
- SHADED AREAS INDICATE MAIN STRUCTURES AND OUTBUILDINGS TO BE DEMOLISHED. IN ADDITION TO SHADED DEMOLITION AREAS, ALL MISCELLANEOUS CONCRETE, STONE STRUCTURES, OUTBUILDINGS, PRIVATE SIDEWALKS, HAND RAILINGS, RETAINING WALLS, SIGNS, PATIOS, FOUNDATION WALLS AND FOOTINGS ASSOCIATED WITH THE STRUCTURES SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS. TYPICAL LOCATION.
- (E) THE CONTRACTOR SHALL REMOVE CONCRETE STOP BLOCKS.
 - (F) THE CONTRACTOR SHALL REMOVE EXISTING TRASH ENCLOSURE INCLUDING BUT NOT LIMITED TO DUMPSTER, WOOD FENCE/GATE, GUARD POLES.
 - (G) EXISTING LIGHT POLE AND BASE TO BE REMOVED, LIGHT TO BE REPLACED IN SAME LOCATION (RE: LIGHTING PLAN).
 - (H) REMOVE EXISTING CURB.

DEMOLITION NOTES:

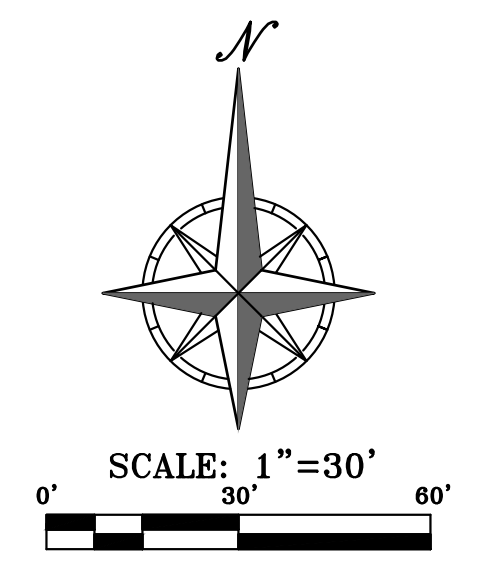
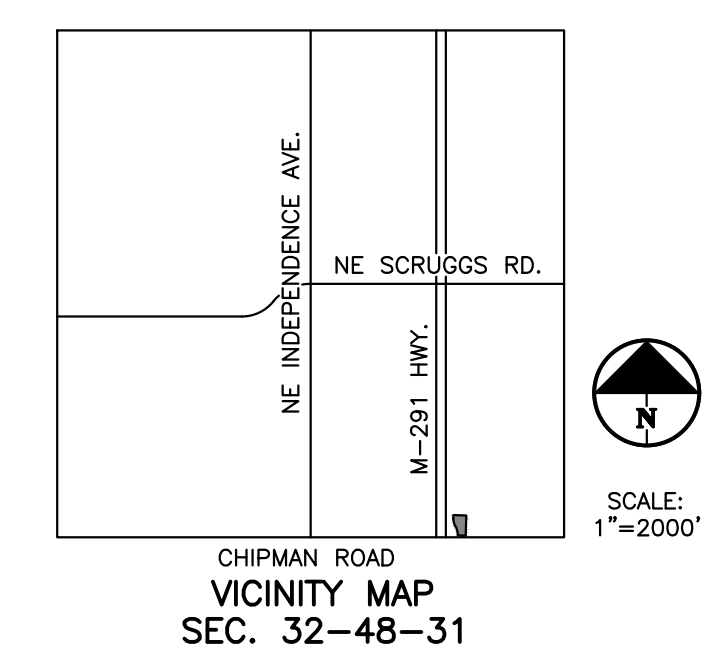
1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL CURBS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
4. CONTRACTOR MUST COORDINATE WITH OWNER PRIOR TO ANY CONSTRUCTION TO ESTABLISH CUSTOMER ACCESS AND TRAFFIC FLOW DURING ALL PHASES.
5. REFER TO THE BUILDING PLANS FOR SITE LIGHTING ELECTRICAL MODIFICATIONS (IF ANY) TO THE EXISTING SYSTEM.

NOTES:

1. THE CONTRACTOR SHALL COORDINATE RE-USING EXISTING CURBS WITH OWNER, IF POSSIBLE, BASED ON CONSTRUCTION PHASING AND CONDITIONS OF CURB & GUTTER AFTER DEMOLITION OF EXISTING PARKING LOT.

LEGEND

- PL — PROPERTY LINE
- - - LL - - - LOT LINE
- - - R/W - - - RIGHT-OF-WAY
- ~ ~ ~ REMOVE EXISTING CURB & GUTTER
- [Hatched Box] EXISTING BUILDING TO BE REMOVED
- [Cross-hatched Box] EXISTING ASPHALT PAVEMENT TO BE REMOVED
- [Stippled Box] EXISTING CONCRETE PAVEMENT/SIDEWALK TO BE REMOVED
- (Tree Symbol) EXISTING TREE TO REMAIN
- BT EXISTING BURIED TELEPHONE
- W EXISTING WATER LINE
- G EXISTING GAS LINE
- BE EXISTING BURIED ELECTRIC
- OP EXISTING OVERHEAD POWER LINE
- SS EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- (Circle with X) EXISTING FIRE HYDRANT
- LP EXISTING LIGHT POLE
- (Star Symbol) EXISTING CHAIN LINK FENCE



811
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1370 N. Winchester
Olathe, Kansas 66061
(913) 993-1155
Fax (913) 993-1165
www.philipsengineering.com



DEMOLITION PLAN
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SITUS ADDRESS: 707 NE RICE ROAD

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SHEET C1

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PHILIPS ENGINEERING, INC.
 1370 N. Winchester
 Olathe, Kansas 66061
 (913) 993-1155
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SITE PLAN
 SCOOTER'S DRIVE THRU KIOSK
 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
 SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	DATE	BY	APP.	REVISIONS
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SHEET
C2

LEGAL DESCRIPTION:

LOT 1, SU-NOR ADDITION, A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, ACCORDING TO THE RECORDED PLAT THEREOF.

AREA = 23,751± SQ.FT. / 0.545± ACRES

SITE PLAN NOTES:

- All construction materials and procedures on this project shall conform to the latest revision of the following governing requirements, incorporated herein by reference:
 - City ordinances & O.S.I.A. Regulations.
 - The City of Lee's Summit, MO Technical Specifications and Municipal Code.
- The contractor shall have one (1) signed copy of the plans (approved by the City) and one (1) copy of the appropriate Design and Construction Standards and Specifications at the job site at all times.
- The contractor will be responsible for securing all permits, bonds and insurance required by the contract documents, City of Lee's Summit, Missouri, and all other governing agencies (including local, county, state and federal authorities) having jurisdiction over the work proposed by these construction documents. The cost for all permits, bonds and insurance shall be the contractor's responsibility and shall be included in the bid for the work.
- The contractor is responsible for coordination of his and his sub-contractor's work. The contractor shall assume all responsibility for protecting and maintaining his work during the construction period and between the various trades/sub-contractors constructing the work.
- The demolition and removal (or relocation) of existing pavement, curbs, structures, utilities, and all other features necessary to construct the proposed improvements, shall be performed by the contractor. All waste material removed during construction shall be disposed off the project site. The contractor shall be responsible for all permits for hauling and disposing of waste material. The disposal of waste material shall be in accordance with all local, state and federal regulations.
- Contractor shall be responsible for all relocations, including but not limited to, all utilities, storm drainage, sanitary sewer services, signs, traffic signals & poles, etc. as required. All work shall be in accordance with governing authorities specifications and shall be approved by such. All cost shall be included in base bid.
- All existing utilities indicated on the drawings are according to the best information available to the Engineer; however, all utilities actually existing may not be shown. The contractor shall be responsible for contacting all utility companies for an exact field location of each utility prior to any construction. All underground utilities shall be protected at the contractor's expense. All utilities, shown and unshown, damaged through the negligence of the contractor shall be repaired or replaced by the contractor at his expense.
- The contractor will be responsible for all damage to existing utilities, pavement, fences, structures and other features not designated for removal. The contractor shall repair all damages at his expense.
- The contractor shall verify the flow lines of all existing storm or sanitary sewer connections and utility crossings prior to the start of construction. Notify the engineer of any discrepancies.
- SAFETY NOTICE TO CONTRACTOR:** In accordance with generally accepted construction practices, the contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours. Any construction observation by the engineer of the contractor's performance is not intended to include review of the adequacy of the contractor's safety measures, in, on or near the construction site.
- Refer to the building plans for site lighting electrical requirements, including conduits, pole bases, pull boxes, etc.

SITE DIMENSION NOTES:

- BUILDING TIES SHOWN ARE TO THE OUTSIDE FACE OF PROPOSED WALLS. THE SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR SPECIFIC DIMENSIONS AND LAYOUT INFORMATION FOR THE BUILDINGS.
- ALL DIMENSIONS SHOWN FOR THE PARKING LOT AND CURBS ARE MEASURED FROM BACK OF CURB TO BACK OF CURB.

PAVEMENT MARKING AND SIGNAGE NOTES:

- PARKING STALL MARKING STRIPES SHALL BE FOUR INCH (4") WIDE WHITE STRIPES. DIRECTIONAL ARROW AND HANDICAP STALL MARKINGS SHALL BE FURNISHED AS LOCATIONS SHOWN ON PLANS.
- HANDICAP PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO ALL FEDERAL (AMERICANS WITH DISABILITIES ACT) AND STATE LAWS AND REGULATIONS.
- TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
- STOP SIGNS SHALL BE PROVIDED AT ALL LOCATIONS AS SHOWN ON PLANS AND SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES". SIGNS SHALL BE 18" X 12", 18 GAUGE STEEL AND SHALL BE ENGINEER GRADE REFLECTIVE.
- TRAFFIC CONTROL AND PAVEMENT MARKINGS SHALL BE PAINTED WITH A WHITE SHERWIN WILLIAMS S-W TRAFFIC MARKING SERIES B-292 OR APPROVED EQUAL. THE PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. APPLY ON A CLEAN, DRY SURFACE AND AT A SURFACE TEMPERATURE OF NOT LESS THAN 70° AND THE AMBIENT AIR TEMPERATURE SHALL NOT BE LESS THAN 60° AND RISING. TWO COATS SHALL BE APPLIED.

FLOOD NOTE:

THIS PROPERTY LIES WITHIN ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE CITY OF LEE'S SUMMIT, COMMUNITY NO. 290174, JACKSON COUNTY, MISSOURI, MAP NO. 29095C04366, AND DATED JANUARY 20, 2017.

ZONING:

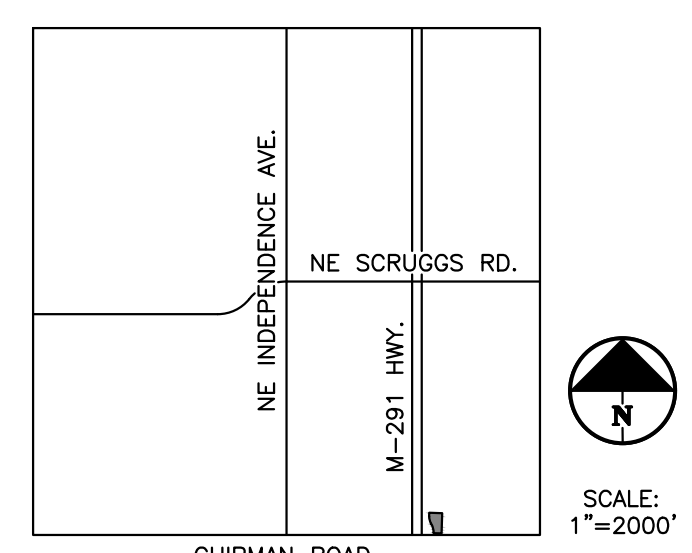
THIS PROPERTY IS ZONED CP-2, DEFINED AS PLANNED COMMUNITY COMMERCIAL DISTRICT.

BENCHMARK:

- VERTICAL DATUM = NAVD83 BASED ON GPS OBSERVATION USING MODOT VRS
- FOUND "C" CUT IN CONCRETE SIDEWALK AT SOUTHWEST CORNER OF ADJACENT PROPERTY.
ELEVATION = 987.14
 - SET "T" CUT IN SOUTHWEST CORNER OF BACK OF CURB IN ADJACENT PARKING LOT TO THE NORTH AT NORTHWEST CORNER OF SURVEYED PROPERTY.
ELEVATION = 990.19

LEGEND

- PL — PROPERTY LINE
- LL — LOT LINE
- R/W — RIGHT-OF-WAY
- 2' CURB & GUTTER
- 6" CURB
- B/L — BUILDING SETBACK LINE
- P/S — PARKING SETBACK LINE
- L/S — LANDSCAPE SETBACK LINE
- ▨ — PROPOSED BUILDING
- ▨ — CONCRETE PAVEMENT
- ▨ — CONCRETE SIDEWALK
- — PARKING LOT LIGHT
- — PARKING SPACES



NOTES:

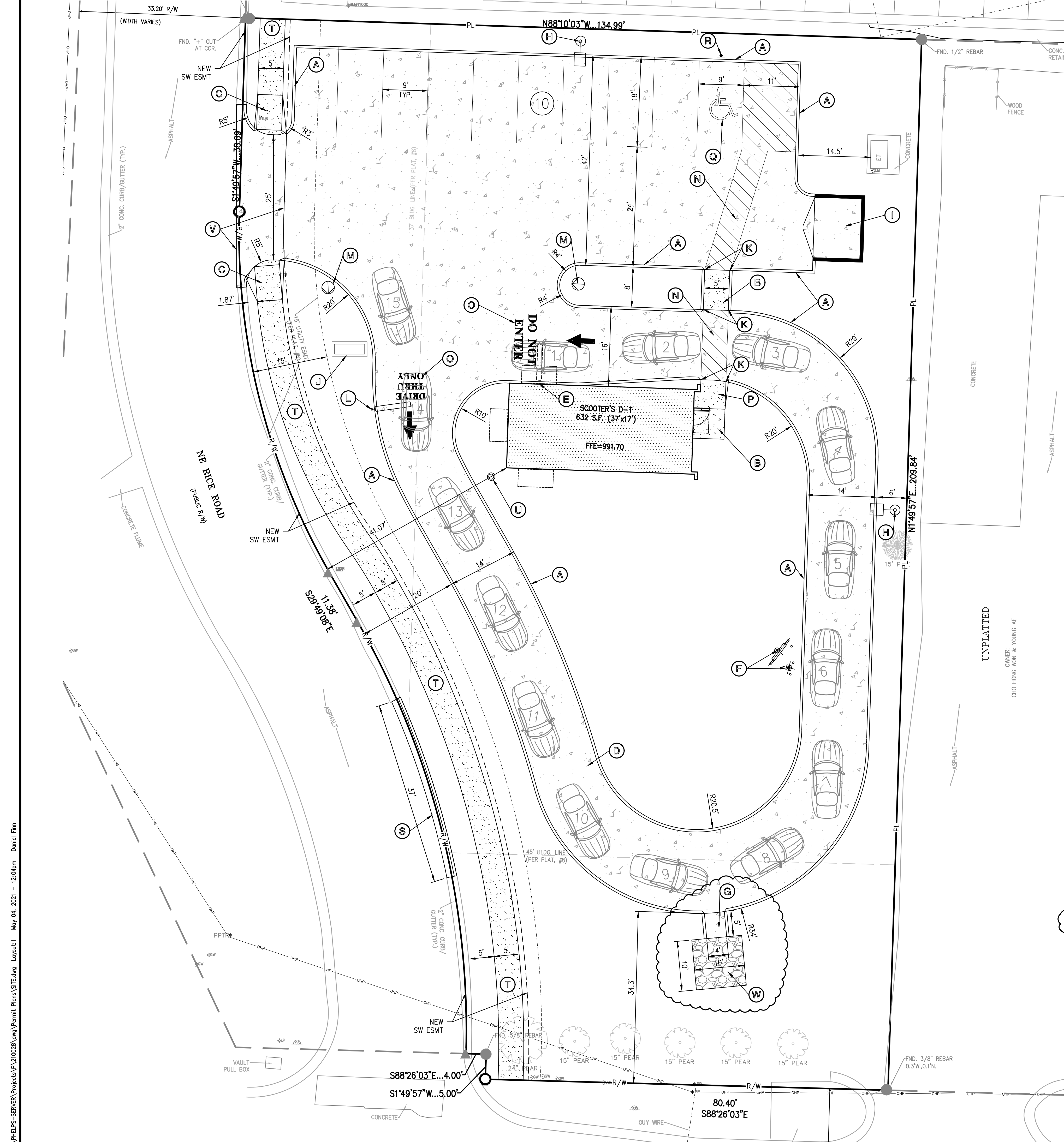
- THE CONTRACTOR SHALL COORDINATE RE-USING EXISTING CURBS WITH OWNER, IF POSSIBLE BASED ON CONSTRUCTION PHASING AND CONDITIONS OF CURB & GUTTER AFTER DEMOLITION.

SITE DATA

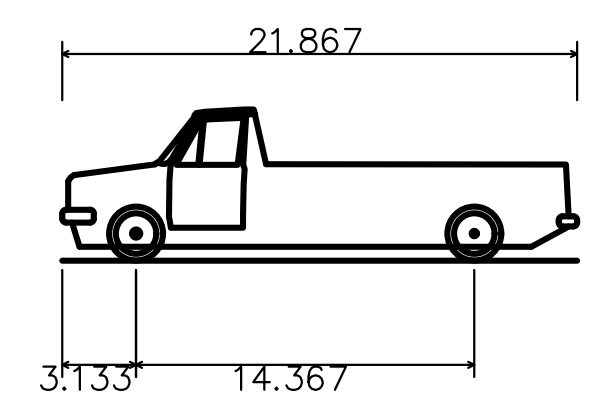
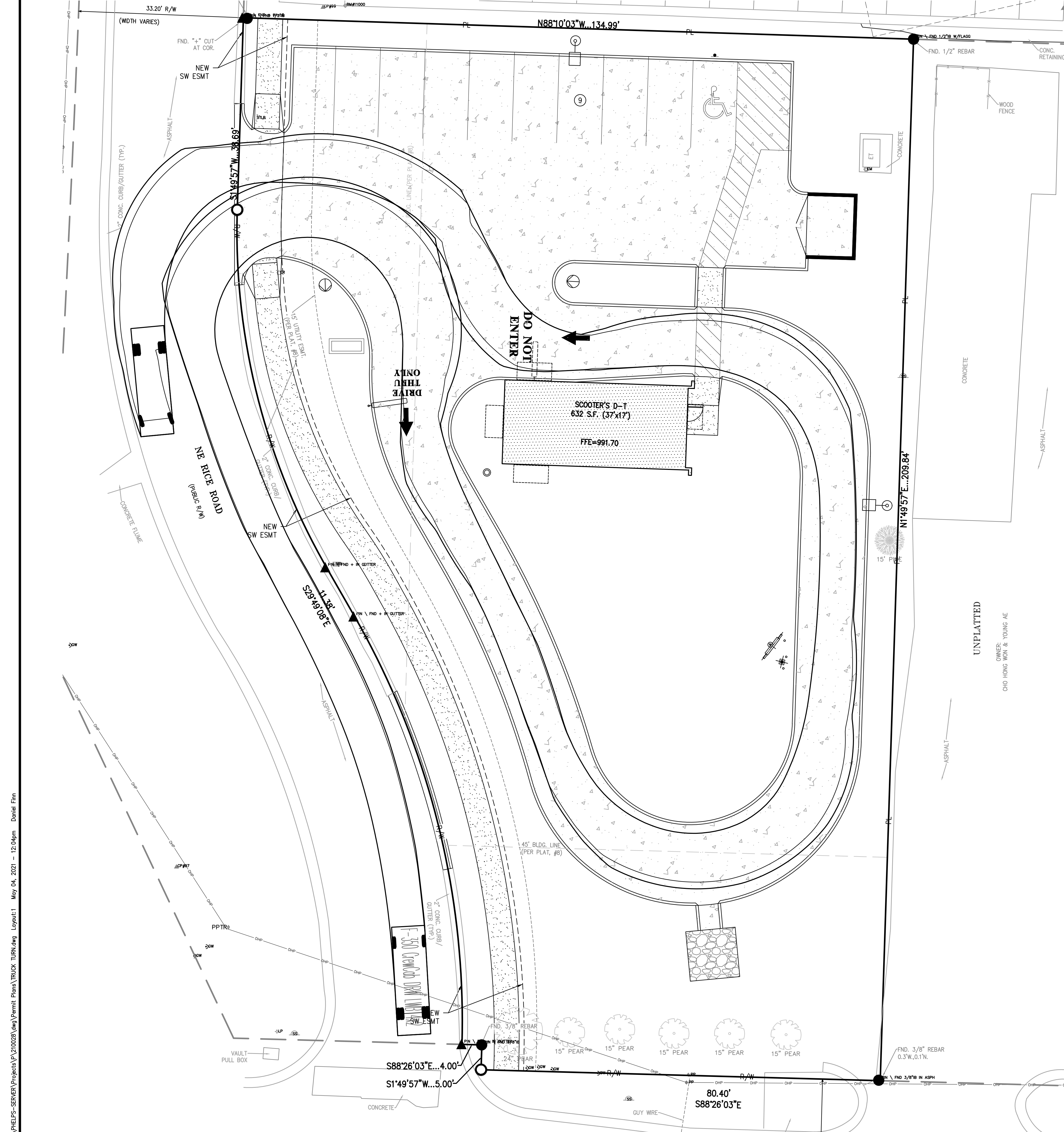
LOT AREA	0.545 AC.
ZONING	EXISTING CP-2 PROPOSED CP-2
REQUIRED BUILDING (1-STORY)	632 S.F.
REQUIRED PARKING STALLS (14 / 1,000 SF)	9
PROPOSED PARKING	STANDARD STALLS 9 ACCESSIBLE STALLS 1 TOTAL STALLS 10
REQUIRED ACCESSIBLE STALLS	TOTAL STALLS 1-25 REQUIRED ACCESSIBLE STALLS 1

SITE KEY NOTES:

- A** CONSTRUCT 6" PRIVATE CONCRETE CURB (TYPICAL).
- B** CONSTRUCT PRIVATE CONCRETE SIDEWALK (TYPICAL).
- C** CONSTRUCT PUBLIC SIDEWALK RAMP (OMIT DETECTABLE WARNING) (RE: LEE'S SUMMIT STANDARD DETAIL GEN-3A).
- D** PROPOSED DRIVE THRU LANE W/ CONCRETE PAVEMENT.
- E** PICK-UP WINDOW (RE: ARCH. PLANS).
- F** MENU BOARD & INTERCOM PEDESTAL (RE: ARCH. PLANS).
- G** CONSTRUCT 4" CONCRETE FLUME.
- H** INSTALL NEW PARKING LOT LIGHT (RE: LIGHTING PLAN).
- I** INSTALL TRASH ENCLOSURE (RE: ARCH PLANS).
- J** INSTALL MONUMENT SIGN (RE: ARCH PLANS).
- K** CONSTRUCT LAYDOWN CURB & GUTTER.
- L** INSTALL HEIGHT CLEARANCE SIGN (RE: ARCHITECT PLANS).
- M** DIRECTIONAL SIGN (RE: ARCHITECT PLANS).
- N** INSTALL PAINTED CROSSWALK (TYP.).
- O** INSTALL PAVEMENT MARKINGS (TYP., RE: ARCH PLANS).
- P** CONSTRUCT PRIVATE SIDEWALK RAMP (OMIT DETECTABLE WARNING).
- Q** INSTALL ACCESSIBLE PAVEMENT MARKINGS PER ADA SPECIFICATIONS.
- R** INSTALL VAN ACCESSIBLE PARKING SIGN.
- S** CONSTRUCT PUBLIC TYPE CG-1 CONCRETE CURB AND GUTTER (RE: LEE'S SUMMIT STANDARD DETAIL GEN-4).
- T** CONSTRUCT PUBLIC CONCRETE SIDEWALK (RE: LEE'S SUMMIT STANDARD DETAIL GEN-3A).
- U** INSTALL FLAG POLE (RE: ARCH PLANS).
- V** INSTALL CONCRETE COMMERCIAL ENTRANCE PER CITY STANDARD DETAIL.
- W** INSTALL 11 S.V. PLAIN STONE RIPRAP POOL (150# MINIMUM). SEE SHEET C8 FOR DETAIL.

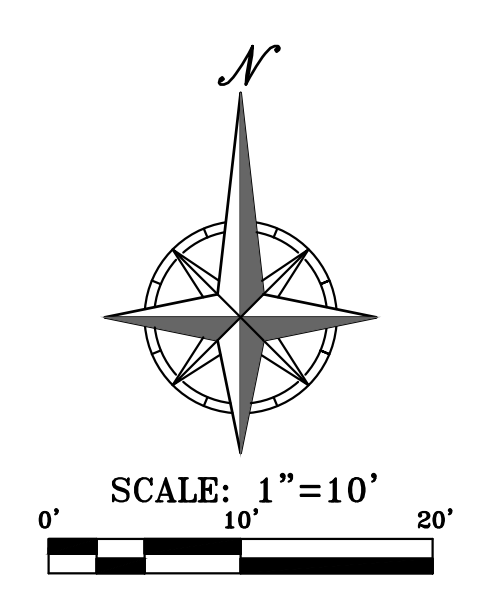


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F-350 CrewCab DRW LWB 4x2
 Overall Length
 Overall Width
 Overall Body Height
 Min Body Ground Clearance
 Track Width
 Lock-to-lock time
 Curb to Curb Turning Radius

21.867ft
 6.658ft
 6.417ft
 0.592ft
 6.658ft
 5.00s
 29.250ft



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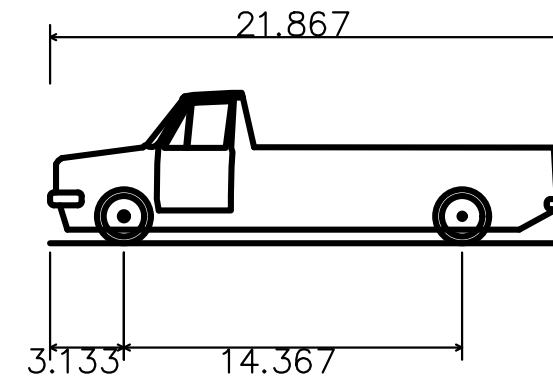
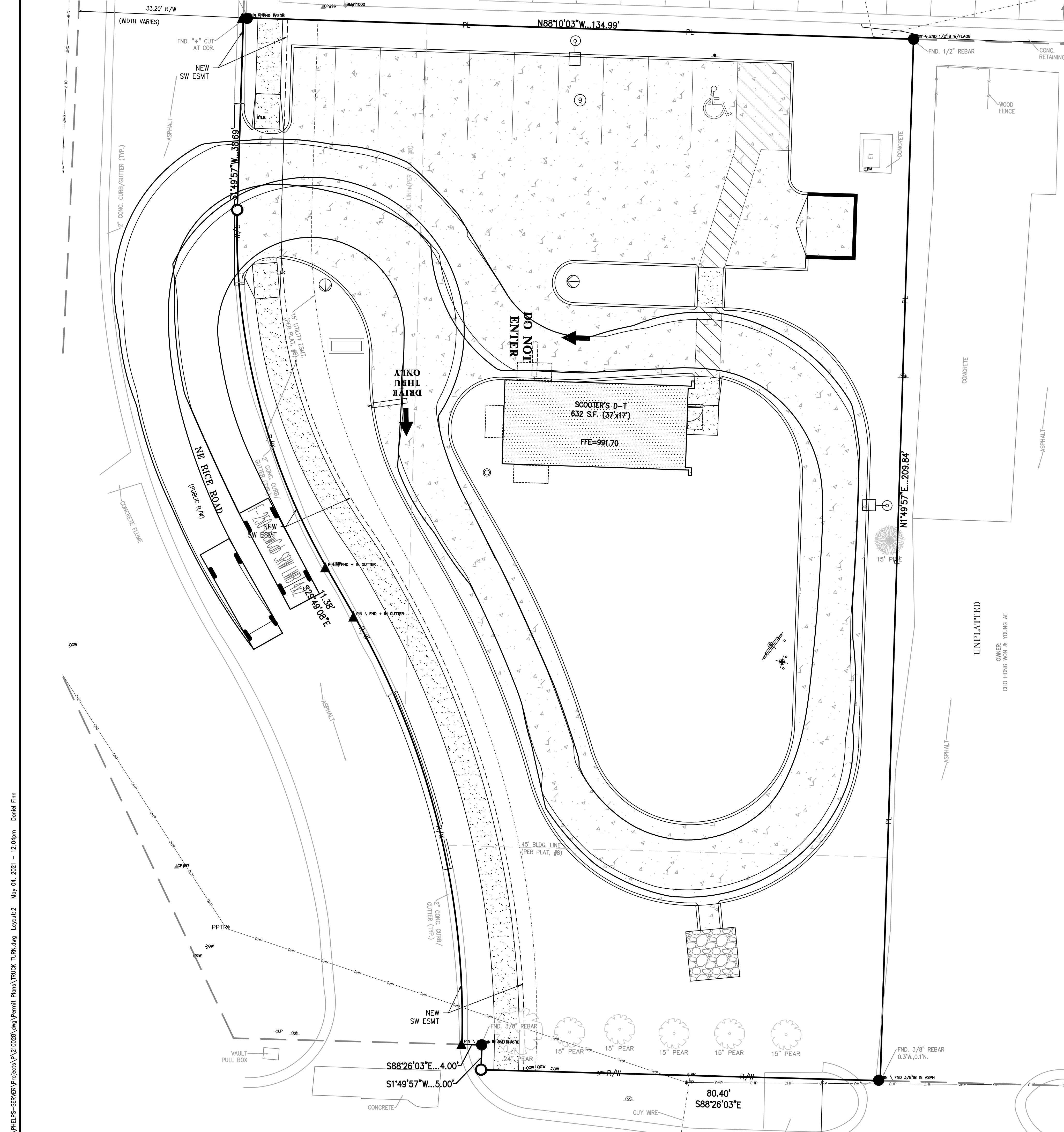
PLANNING
 ENGINEERING
 IMPLEMENTATION

TRUCK TURN PLAN
 SCOOTER'S DRIVE THRU KIOSK
 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
 SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	DATE	BY	APP.
210028	4-22-21	SNH	DAF
DATE: 03-31-2021	4-22-21	SNH	DAF
CHECKED: DAF	5-04-21	SNH	DAF
CORPORATE OF AUTHORIZATION			
LAND SURVEYING - LS-82			
ENGINEERING - E-361			
CERTIFICATE OF AUTHORIZATION			
LAND SURVEYING: 200700128			
ENGINEERING: 200300308			

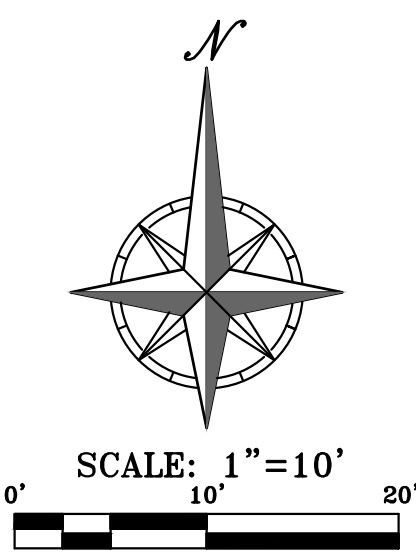
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F-250 CrewCab SRW LWB 4x2
 Overall Length 21.867ft
 Overall Width 6.658ft
 Overall Body Height 6.392ft
 Min Body Ground Clearance 0.583ft
 Track Width 6.658ft
 Lock-to-lock time 5.00s

21.867ft
 6.658ft
 6.392ft
 0.583ft
 6.658ft
 5.00s



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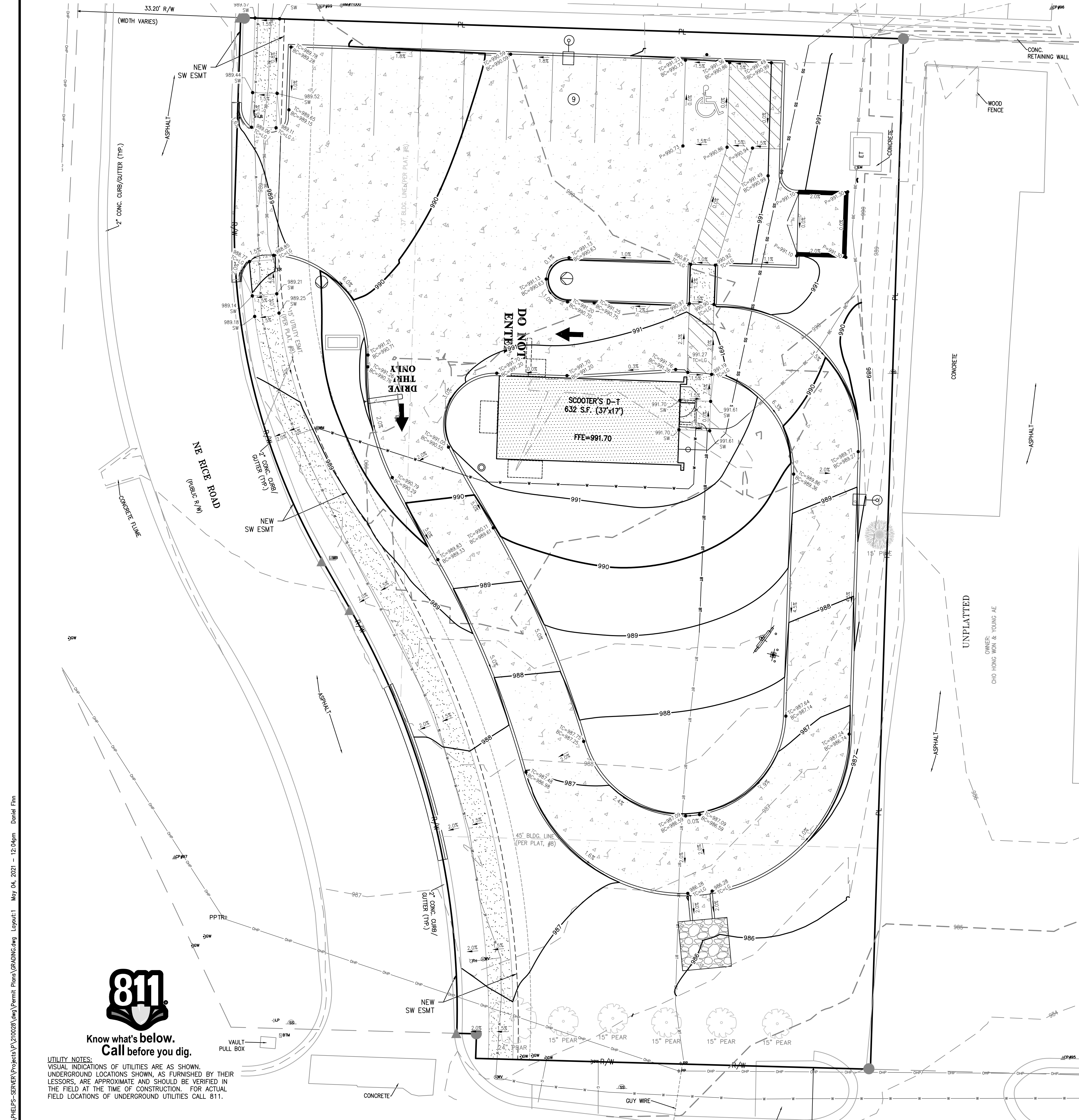


TRUCK TURN PLAN
 SCOOTER'S DRIVE THRU KIOSK
 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
 SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	210028	No.	Date	Revisions:	By	App.
DATE	03-31-2021	DRAWN/CHK	1.	REVISED PER CITY COMMENTS	SNH	DAF
CHECKED	DAF	APPROVED/JDC	2.	REVISED PER CITY COMMENTS	SNH	DAF
CORPORATE DATE OF AUTHORIZATION						
LAND SURVEYING - LS-82						
ENGINEERING - E-361						
CERTIFICATE OF AUTHORIZATION						
LAND SURVEYING-20070128						
ENGINEERING-20030308						

SHEET
C2.2

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SITE GRADING NOTES:

1. CONTOURS AND ELEVATIONS: Existing and proposed contours are shown on plans at one foot (1') contour intervals, unless otherwise noted. Proposed contours and elevations shall represent approximate finish grade. Contractor shall hold down subgrades to allow for pavement and sub-base thicknesses.
2. If the contractor does not accept existing topography as shown on the plans, without exception, he shall have made at his expense, a topographic survey by a registered land surveyor and submit it to the owner for review.
3. CLEARING AND GRUBBING: Prior to beginning preparation of subgrade, all areas under pavements or building shall be stripped of all topsoil, vegetation, large rock fragments (greater than 6 inches in any dimension) and any other deleterious material. The actual stripping depth should be based on visual examination during construction and the results of proof-rolling operations. The root systems of all trees (not designated to remain) shall be removed in their entirety. Stripping materials shall not be incorporated into structural fills.
4. TOPSOIL STRIPPING: Prior to the start of site grading, the contractor shall strip all topsoil from areas to be graded, and stockpiled at a location on or adjacent to the site as directed by the owner. At completion of grading operations and related construction, the contractor will be responsible for redistribution of topsoil over all areas disturbed by the construction activities. Topsoil shall be placed to a minimum depth of six inches (6") and in accordance with specifications for landscaping. At that time, and prior to the installation of landscaping or irrigation, all topsoil graded areas shall be visually inspected and approved by the owner and ILL.
5. Contractor shall adjust and/or cut existing pavement as necessary to assure a smooth fit and continuous grade. Contractor shall assure positive drainage away from buildings for all natural and paved areas.
6. SUBGRADE PREPARATION: Prior to placement of new fill material, the existing subgrade shall be proofrolled and approved under the direction of the Geotechnical Engineer or his representative.
7. PROOFROLLING: Subsequent to completion of stripping and over-excavation, all building and pavement areas to receive engineered fill should be systematically proof-rolled using a tandem axle dump truck loaded to approximately 20,000 pounds per axle. Also, any finished subgrade areas to receive paving shall be proof-rolled within 48 hours of paving. Unsuitable soils that are detected and that can not be recompacted should be over-excavated and replaced with controlled structural fill.
8. EARTHWORK:
 - A) GEOTECHNICAL: All earthwork shall conform to the recommendations of the Geotechnical report. Said report and its recommendations are herein incorporated into the project requirements by reference. Prior to beginning construction, the contractor shall obtain a copy of and become familiar with the geotechnical report. Unless specifically noted on the plans, the recommendations in the geotechnical report are hereby incorporated into the project requirements and specifications.
 - B) SURFACE WATER: Surface water shall be intercepted and diverted during the placement of fill.
 - C) FILLS: All fills shall be considered controlled or structural fill and shall be free of vegetation, organic matter, topsoil and debris. In areas where the thickness of the engineered fill is greater than five, feet building and pavement construction should not commence until so authorized by the on-site geotechnical engineer to allow for consolidation.
 - D) BUILDING SUBGRADE: As specified in the Geotechnical Engineering Report, the upper section of building subgrade shall consist of Low Volume Change (LVC) material defined as approved, compacted granular fill or low to moderate plasticity cohesive soil materials stabilized with Class C Flyash. Granular fill shall consist of compacted granular materials with a maximum particle size of two (2) inches or less, such as limestone screenings. Refer to geotechnical report for complete requirements.
 - E) EXISTING SLOPES: Where fill material is to be placed on existing slopes greater than 5:1 (horizontal to vertical), existing slope shall be benched providing a minimum vertical face of twelve inches (12"). The benches should be cut wide enough to accommodate the compaction equipment. Fill material shall be placed and compacted in horizontal lifts not exceeding nine inches (9") (loose lift measurement), unless otherwise approved by the Geotechnical Engineer.
 - F) COMPACTION REQUIREMENTS: The upper 9 inches of pavement subgrade areas shall be compacted to a minimum density of ninety five percent (95%) of the material's maximum dry density as determined by ASTM D698 (standard proctor compaction). The moisture content at the time of placement and compaction shall within a range of 0% below to 4% above optimum moisture content as defined by the standard proctor compaction procedure. The moisture contents shall be maintained within this range until completion of the work. Where compaction of earth fill by a large roller is impractical or undesirable, the earth fill shall be hand compacted with small vibrating rollers or mechanical tampers.
9. All cut or fill slopes shall be 3:1 or flatter. All asphalt parking areas shall be a minimum of 1% slope but not more than 5% slope unless otherwise noted. All pavements within ADA parking areas shall not exceed 2% total slope. All grades around building shall be held down 6" from finish floor and slope away another 6" in 10 feet. Contractor shall notify engineer prior to final subgrade construction of any areas not within this slope requirement.
10. TESTING AND INSPECTION: Owner's Independent Testing Laboratory (ITL) shall make tests of earthwork during construction and observe the placement of fills and other work performed on this project to verify that work has been completed in accordance with Geotechnical Engineering Report, Project Specifications and within industry standards. The ITL will be selected by the owner and the cost of testing will be the owner's responsibility.
11. CLASSIFICATION: All excavation shall be considered unclassified. No separate or additional payments shall be made for rock excavation.
12. PERMANENT RESTORATION: All areas disturbed by earthwork operations shall be sodded, unless shown otherwise by the landscaping plan or erosion control plan.
13. UTILITIES: The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
14. LAND DISTURBANCE: The contractor shall adhere to all terms & conditions as outlined in the EPA or applicable state N.P.D.E.S. permit for storm water discharge associated with construction activities. Refer to project S.W.P.P.P. requirements.

BENCHMARK:

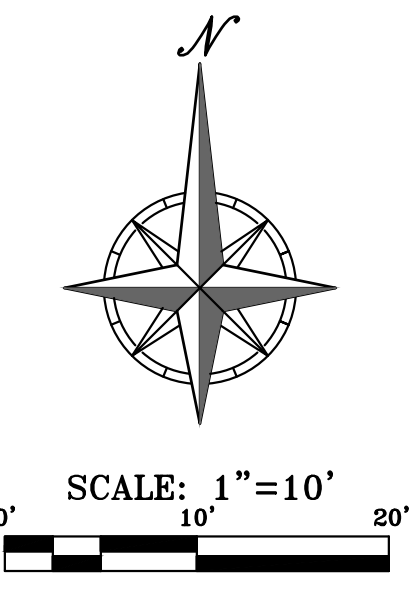
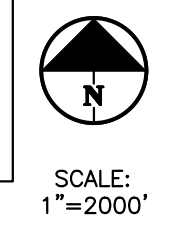
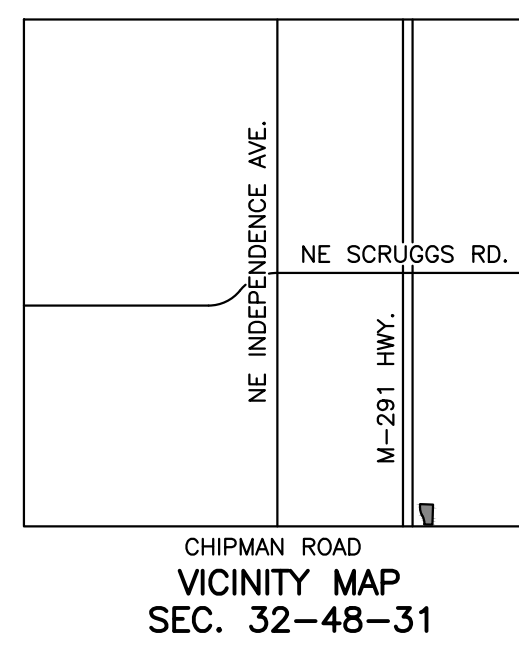
- VERTICAL DATUM = NAVD88 BASED ON GPS OBSERVATION USING MODOT VRS
1. FOUND "1" CUT IN CONCRETE SIDEWALK AT SOUTHWEST CORNER OF ADJACENT PROPERTY.
ELEVATION = 987.14
 2. SET "1" CUT IN SOUTHWEST CORNER OF BACK OF CURB IN ADJACENT PARKING LOT TO THE NORTH AT NORTHWEST CORNER OF SURVEYED PROPERTY.
ELEVATION = 990.19

FLOOD NOTE:

THIS PROPERTY LIES WITHIN ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE CITY OF LEE'S SUMMIT, COMMUNITY NO. 290174, JACKSON COUNTY, MISSOURI, MAP NO. 29095C04366, AND DATED JANUARY 20, 2017.

LEGEND

- PL PROPERTY LINE
- LL LOT LINE
- R/W RIGHT-OF-WAY
- 2' CURB & GUTTER
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATION
- LG LIP OF GUTTER
- TC TOP OF CURB
- SW SIDEWALK
- ME MATCH EXISTING
- HP HIGH POINT
- LP LOW POINT
- TP TOP OF PAVEMENT
- TS TOP OF STRUCTURE
- GR GROUND ELEVATION
- BS BOTTOM OF STEPS
- TS TOP OF STEPS
- BW BOTTOM OF WALL
- TW TOP OF WALL
- EXISTING STORM SEWER
- PROPOSED STORM PIPE
- PROPOSED RETAINING WALL



UTILITY NOTES:
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES CALL 811.



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(913) 993-1155
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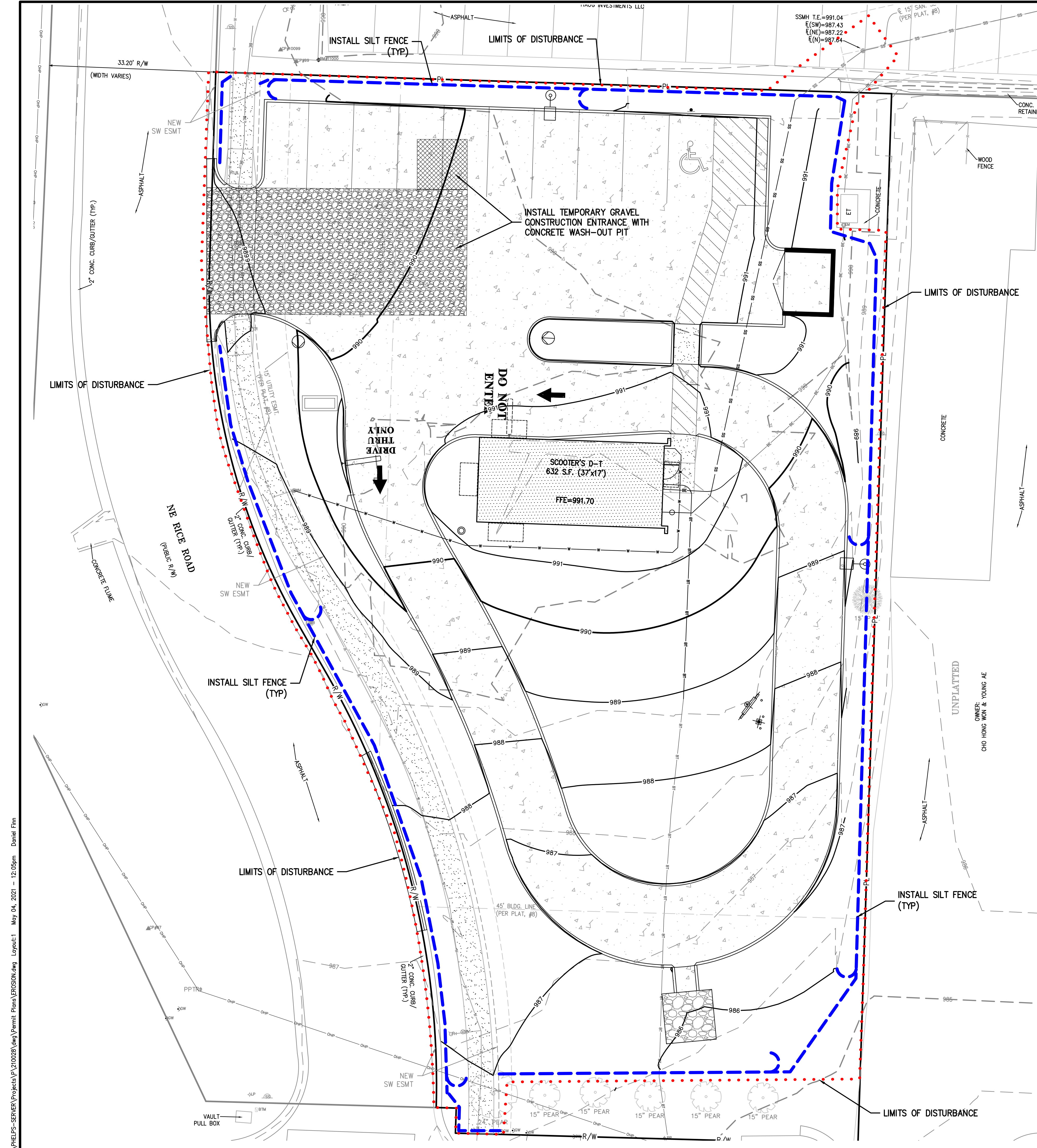


ENLARGED GRADING PLAN
SCOOTER'S DRIVE THRU KIOSK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	DATE	BY	APP.	REVISIONS
210028	4-22-21	DAF	SNH	REVISED PER CITY COMMENTS
210028	5-04-21	DAF	SNH	REVISED PER CITY COMMENTS

SHEET
C3

\\PHILIPS-SERVER\Projects\210028\Drawings\Permit\Plan\210028.dwg Layout1 May 04, 2021 12:54pm Daniel Finn



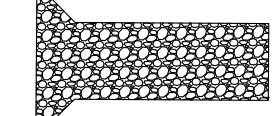


EROSION AND SEDIMENT CONTROL GENERAL NOTES:

- Prior to Land Disturbance activities, the contractor shall:
 - Delineate the outer limits of any tree or stream preservation designated to remain with construction fencing.
 - Construct a stabilized entrance/parking/delivery area and install all perimeter sediment controls on the site.
 - Install and request the inspection of the preconstruction erosion and sediment control measures designated on the approved erosion and sediment control plan.
 - Land disturbance work shall not proceed until there is a satisfactory inspection.
 - Identify the limits of construction on the ground with easily recognizable indications such as construction staking, construction fencing, placement of physical barriers or other means acceptable to the contractor and the City inspector.
- Erosion and sediment control devices protecting the public right-of-way shall be installed as soon as the right-of-way has been backfilled and graded.
- The contractor shall comply with all requirements of City Ordinances or State permit requirements, such as:
 - The contractor shall seed, mulch, or otherwise stabilize any disturbed area where the land disturbance activity has ceased for more than 14 days.
 - The contractor shall perform inspections of erosion and sediment control measures at least once every 14 days and within 24 hours following each rainfall event of 1/2" or more within any 24-hour period.
 - The contractor shall maintain an inspection log including the inspector's name, date of inspection, observations as to the effectiveness of the erosion and sediment control measures, actions necessary to correct deficiencies, when the deficiencies were corrected, and the signature of the person performing the inspection. The log shall be available for review by the City, the State of Missouri, or other authorities having jurisdiction.
- The contractor shall maintain installed erosion and sediment control devices on a manner that preserves their effectiveness for preventing sediment from leaving the site or entering a sensitive area such as a natural stream corridor, tree preservation areas of the site intended to be left undisturbed, a storm sewer, or an on-site drainage channel. Failure to do so is a violation of the provisions of City Ordinances and State permit requirements.
- The contractor is responsible for providing erosion and sediment control for the duration of a project. If the City determines that the BMP's in place do not provide adequate erosion and sediment control at any time during the project, the contractor shall install additional or alternate measures that provide effective control.
- Concrete wash or rinsewater from concrete mixing equipment, tools and/or ready-mix trucks, tools, etc., may not be discharged into or be allowed to run directly into any existing water body or storm inlet. One or more locations for concrete wash out will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place and excess water evaporated or infiltrated into the ground.
- Chemicals or materials capable of causing pollution may only be stored onsite in their original container. Materials store outside must be in closed and sealed water-proof containers and located outside of drainageways or areas subject to flooding. Locks and other means to prevent or reduce vandalism shall be used. Spills will be reported as required by law and immediate actions taken to contain them.

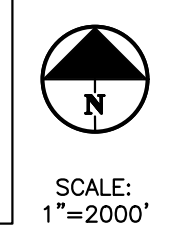
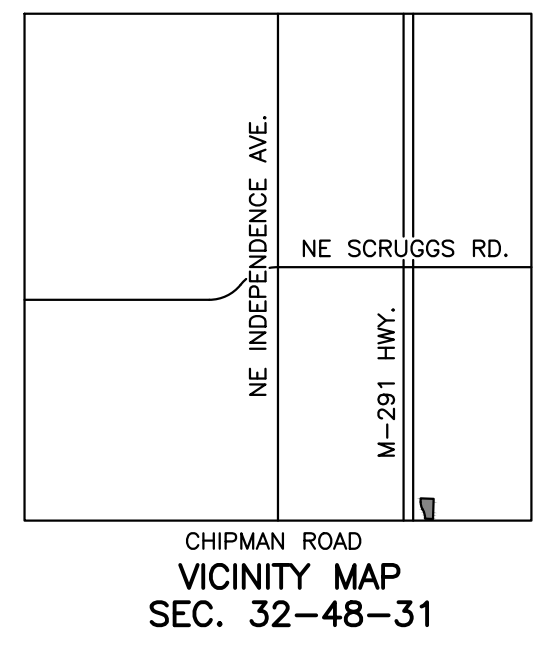
MAINTENANCE: ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

LEGEND

-  STABILIZED ROCK ENTRANCE
-  LIMITS OF DISTURBED AREA
-  PROPOSED SILT FENCE

DISTURBED AREA = 0.5± ACRES



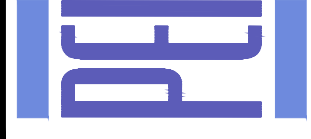
811
Know what's below.
Call before you dig.

UTILITY NOTES:
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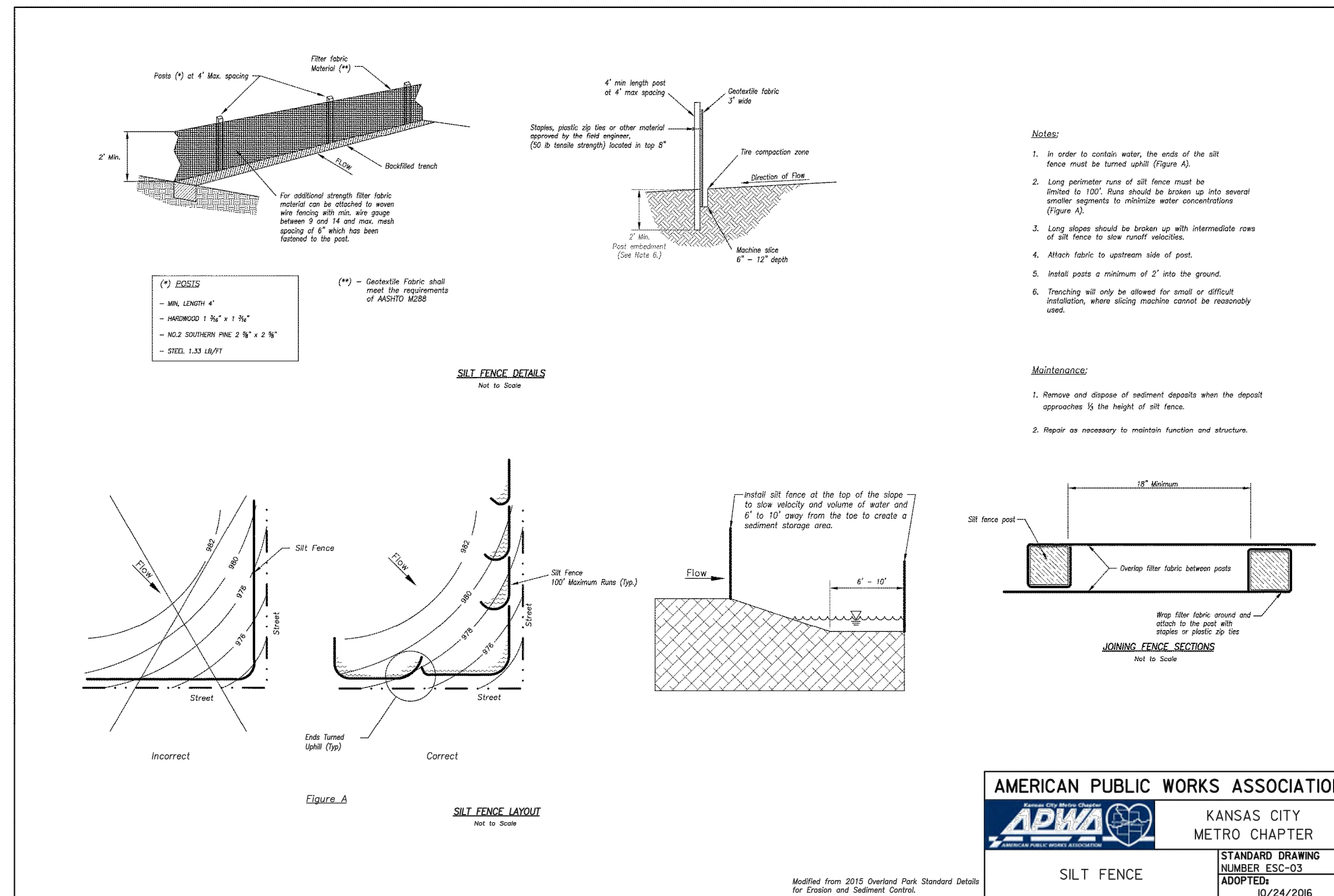
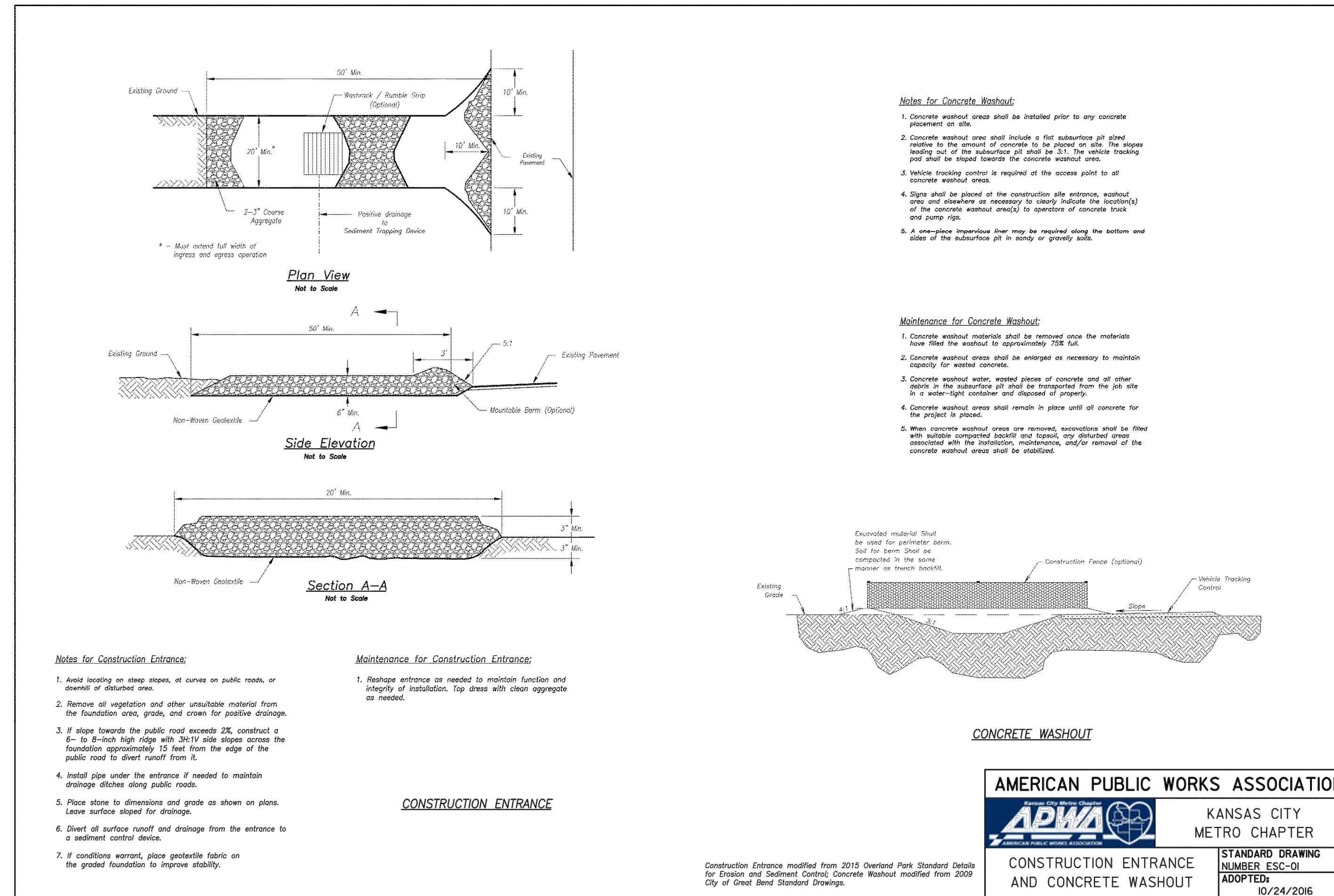
PLANNING
ENGINEERING
IMPLEMENTATION



EROSION CONTROL PLAN
SCOOTER'S DRIVE THRU KIOSK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SITUS ADDRESS: 707 NE RICE ROAD

PROJECT NO.	210028	No.	Date	Revisions:	By	App.
DATE	03-31-2021	DRAWING	1.	REVISED PER CITY COMMENTS	SNH	DAF
CHECKED	DAF	APPROVED	JDC	2.	5-04-21	
CORPORATE SEAL OF AUTHORIZATION						
LAND SURVEYING - LS-82						
ENGINEERING - E-361						
CERTIFICATE OF AUTHORIZATION						
LAND SURVEYING-20070128						
ENGINEERING-20030038						

SHEET
C5



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 1370 N. Winchester
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PLANNING
 ENGINEERING
 IMPLEMENTATION

EROSION CONTROL DETAILS
 SCOOTER'S DRIVE THRU KIOSK
 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
 SITUS ADDRESS: 707 NE RICE ROAD

Revisions:	No.	Date	By	App.
REVISED PER CITY COMMENTS	1.	4-22-21	SNH	DAF
REVISED PER CITY COMMENTS	2.	5-04-21	SNH	DAF

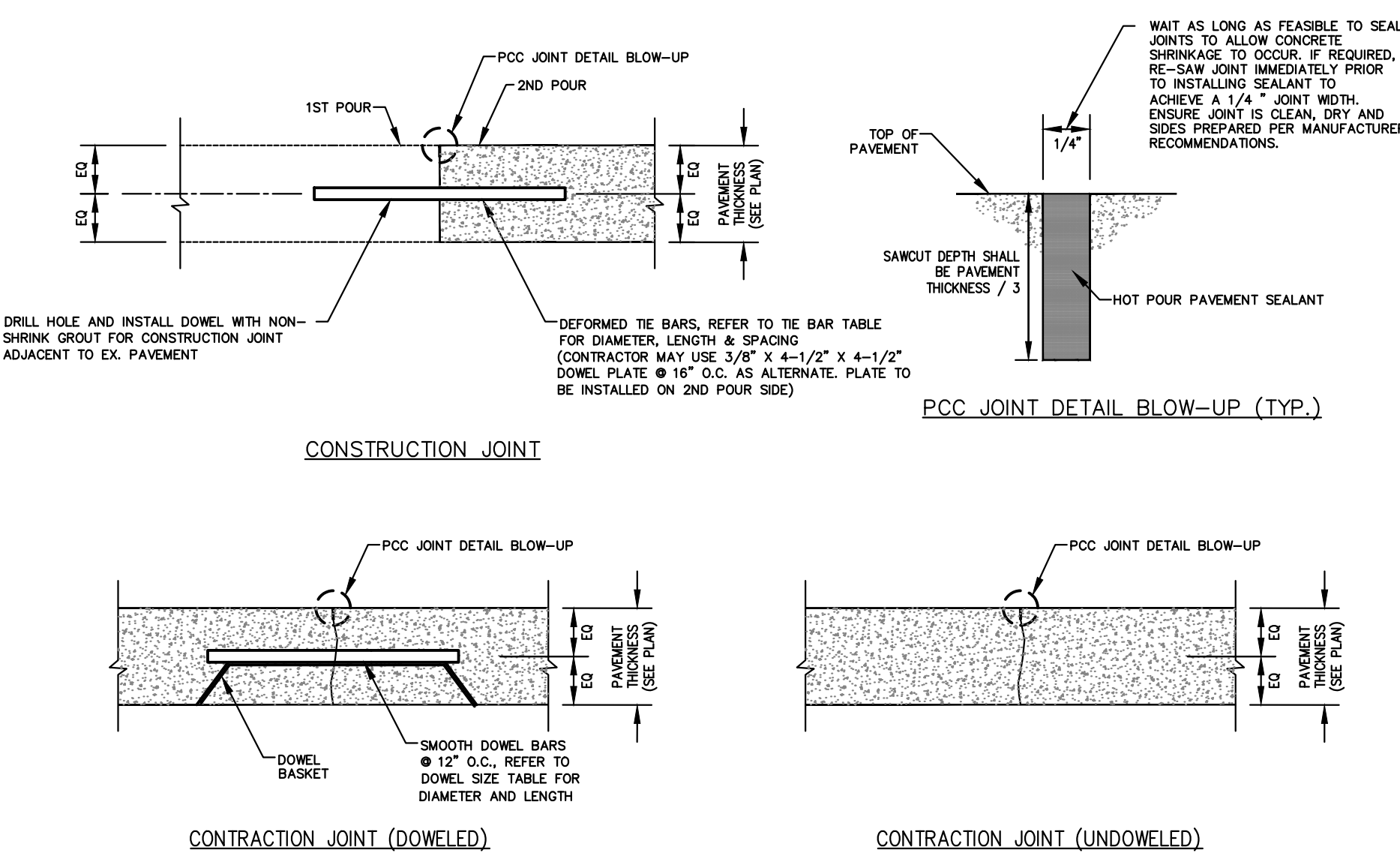
PROJECT NO.	DATE	BY	APP.	REVISIONS
210028	4-22-21	SNH	DAF	1. DRAWING
	5-04-21	SNH	DAF	2. REVISED PER CITY COMMENTS
		SNH	DAF	3. REVISED PER CITY COMMENTS

Dowel size*

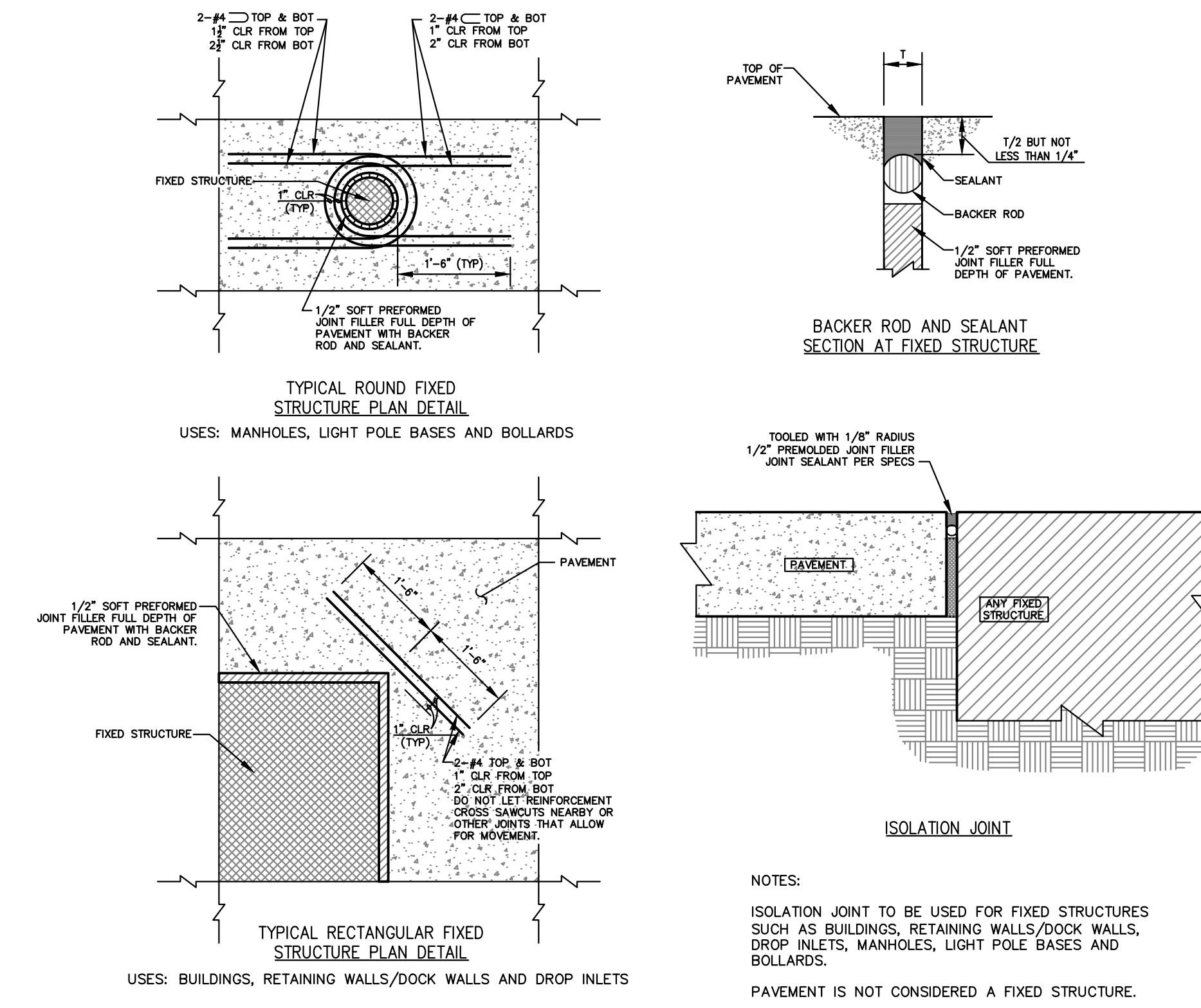
Slab depth, in. (mm)	Dowel diameter, in. (mm)	Dowel embedment, in. (mm)	Total dowel length, in. (mm)
5 (125)	5/8 (16)	5 (125)	12 (300)
6 (150)	3/4 (19)	6 (150)	14 (360)
7 (180)	7/8 (22)	6 (150)	14 (360)
8 (200)	1 (25)	6 (150)	14 (360)
9 (230)	1-1/8 (29)	7 (180)	16 (400)

Tie bar dimensions

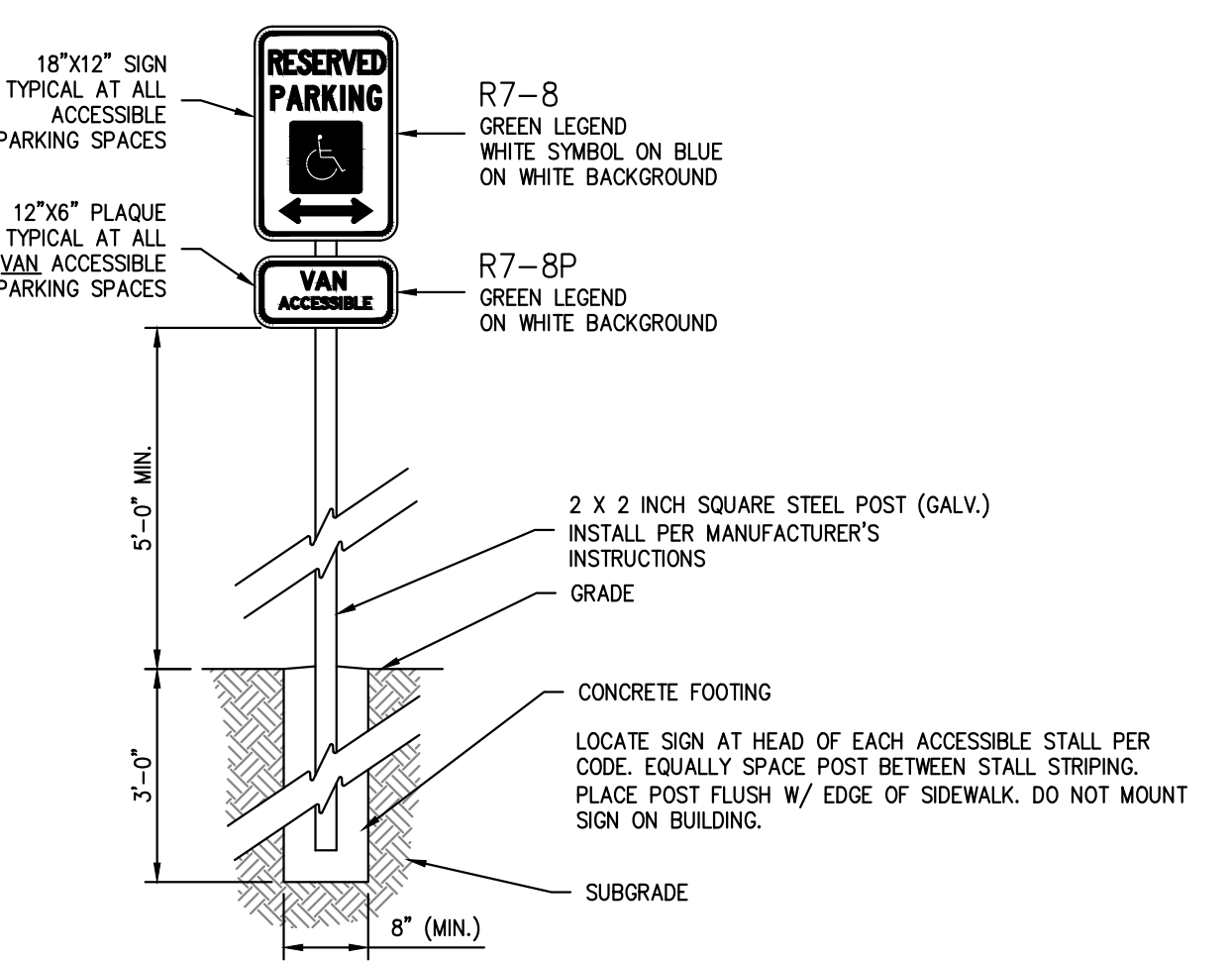
Slab depth, in. (mm)	Tiebar size, in. (mm)	Tiebar spacing			
		10 ft. in. (mm)	12 ft. in. (mm)	14 ft. in. (mm)	24 ft. in. (mm)
5 (125)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	28 (710)
5-1/2 (140)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	25 (630)
6 (150)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	23 (580)
6-1/2 (165)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	21 (530)
7 (180)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	20 (510)
7-1/2 (190)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	18 (460)
8 (200)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	17 (430)
8-1/2 (215)	1/2 x 24 (13 x 610)	30 (760)	30 (760)	30 (760)	16 (410)
9 (230)	1/2 x 30 (13 x 760)	36 (910)	36 (910)	---	24 (610)



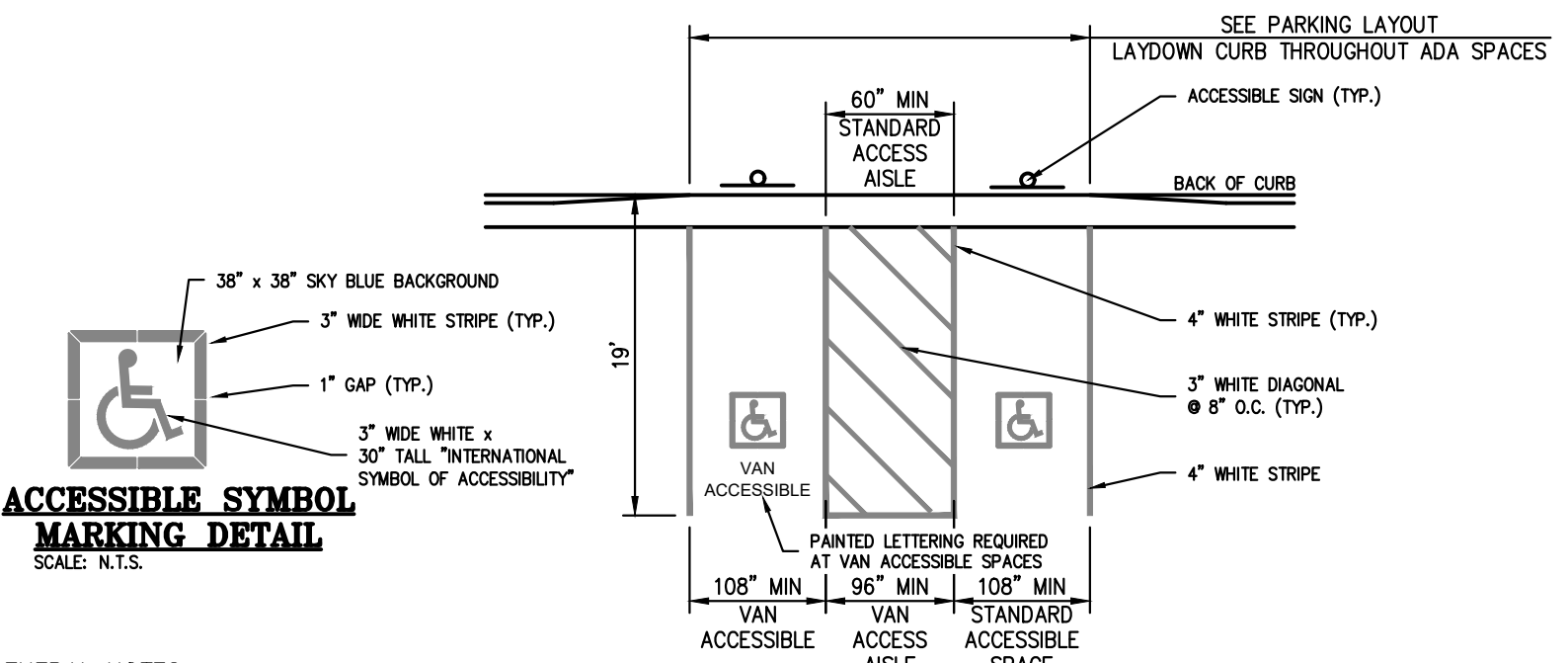
CONCRETE JOINT DETAILS
SCALE: N.T.S.



ISOLATION JOINT DETAILS
SCALE: N.T.S.

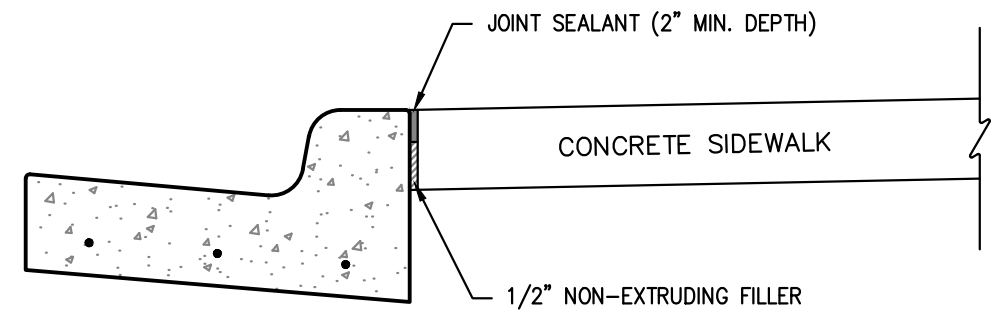


ACCESSIBLE SIGN DETAIL IN GRASS AREA
SCALE: N.T.S.



- GENERAL NOTES:**
- ALL PAVEMENT MARKINGS SHALL BE APPLIED BY A QUALIFIED CONTRACTOR HAVING A MINIMUM 3 YEARS EXPERIENCE IN TRAFFIC GRADE PAVEMENT MARKING APPLICATIONS.
 - PAINT SHALL BE A NON-BLEEDING, QUICK-DRYING, ALKYL PETROLEUM BASE PAINT SUITABLE FOR TRAFFIC-BEARING SURFACE AND SHALL MEET ITS TYP-85E & MIXED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS BEFORE APPLICATION.
 - SWEEP AND CLEAN SURFACE TO ELIMINATE LOOSE MATERIAL & DUST.
 - APPLY TWO (2) COATS OF PAINT AT MANUFACTURER RECOMMENDED RATE WITHOUT THE ADDITION OF THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON. APPLY WITH MECHANICAL EQUIPMENT TO PRODUCE UNIFORM STRAIGHT EDGES. AT SIDEWALK CURBS, AND CROSSWALKS USE A STRAIGHTEDGE TO ENSURE A UNIFORM, CLEAN, & STRAIGHT STRIPE.
 - THE FOLLOWING ITEMS SHALL BE PAINTED WITH THE COLORS NOTED BELOW:
A. HANDICAP SYMBOLS: SEE DETAIL THIS SHEET.
B. PARKING STALL STRIPING: WHITE.
 - ACCESSIBLE PARKING SPACE DESIGN LAYOUT SHALL BE IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
 - SEE SITE PLANS FOR COMPLETE PARKING LAYOUT.

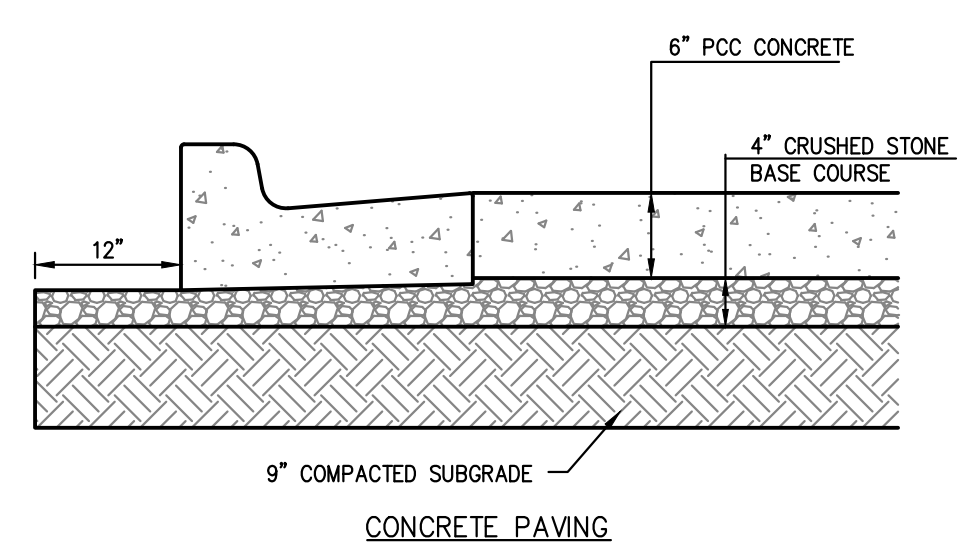
ACCESSIBLE PARKING SPACE DETAIL
SCALE: N.T.S.



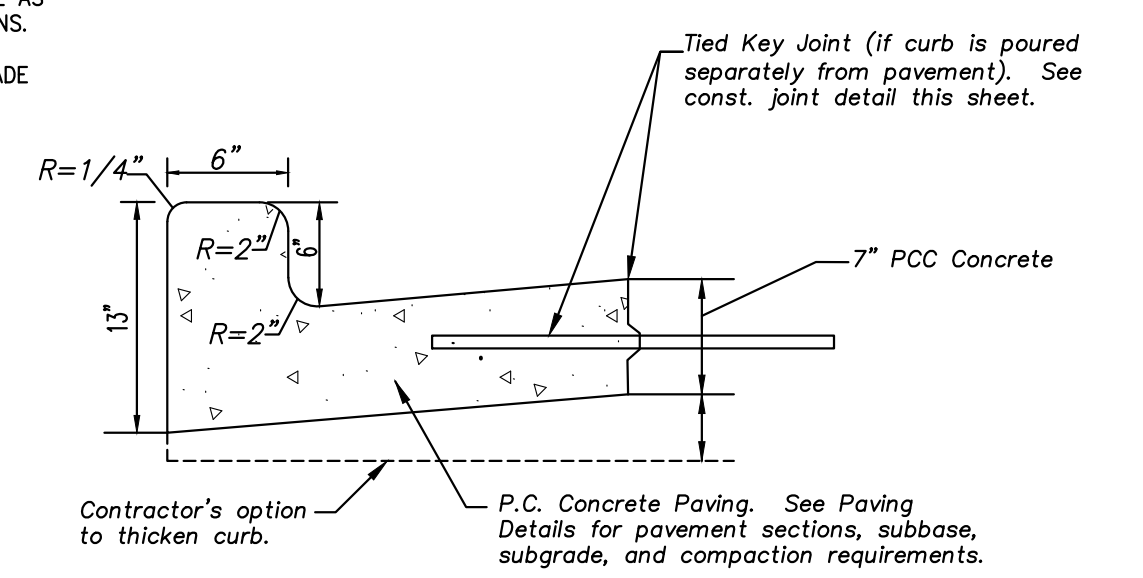
SIDEWALK AT CURB DETAIL
SCALE: N.T.S.

GENERAL PAVING NOTES:

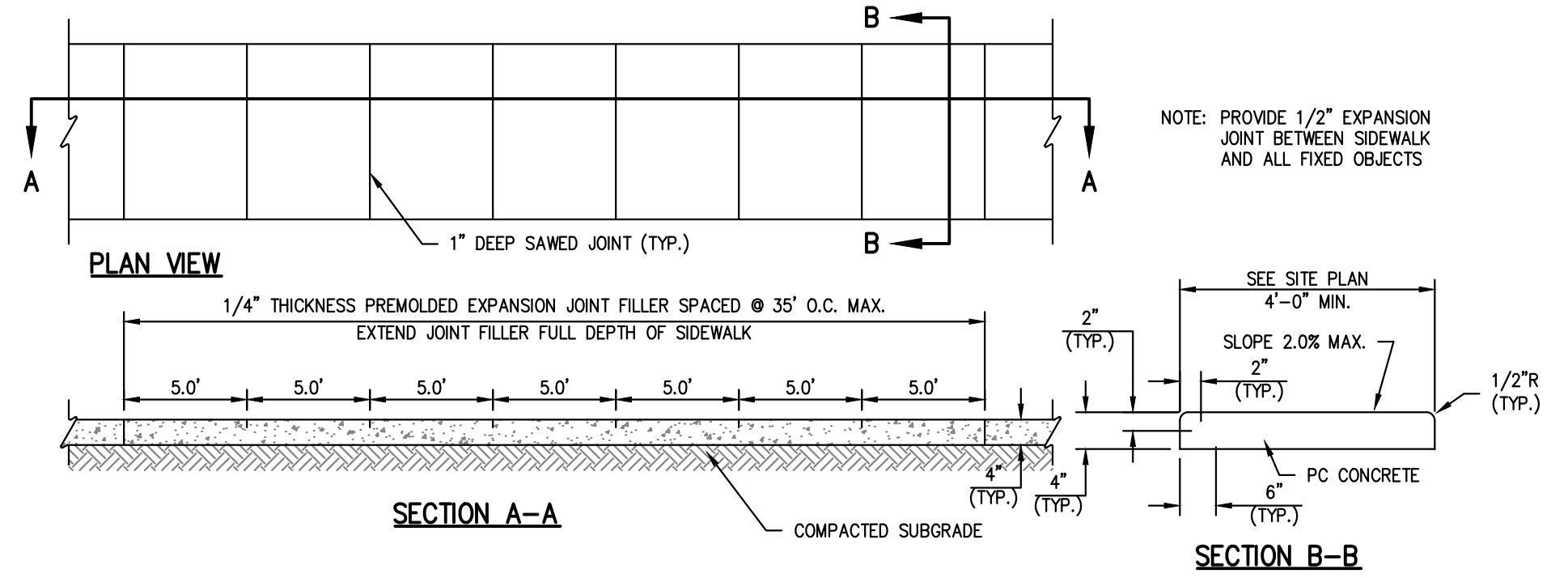
- PRIOR TO PLACEMENT OF GRANULAR BASE OR ASPHALT, PROOF ROLL AND RE-COMPACT THE EXPOSED SURFACES UP TO A MINIMUM LATERAL DISTANCE OF TWO (2) FEET OUTSIDE THE PAVEMENT. ANY LOCALIZED SOFT, WET, OR LOOSE AREAS IDENTIFIED DURING THE PROOF ROLLING SHOULD BE REPAIRED PRIOR TO PAVING. FILL MATERIAL SHOULD BE PLACED IN LOOSE LIFTS UP TO A MAXIMUM OF EIGHT (8) INCHES IN THICKNESS AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698 AT MOISTURE CONTENTS WITHIN 0% AND +4% OF THE OPTIMUM FOR SOILS WITH A LIQUID LIMIT OF GREATER THAN 40, AND - 3% OF THE OPTIMUM FOR SOILS WITH A LIQUID LIMIT OF LESS THAN 40. MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT SHOULD BE DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D 698).
- PROOFROLL WITH A 25 TON RUBBER TIRE VEHICLE AND REPAIR SUBGRADE DEFICIENCIES. IF ANY SIGNIFICANT EVENT, SUCH AS PRECIPITATION, OCCURS AFTER PROOFROLLING, THE SUBGRADE SHOULD BE REVIEWED BY QUALIFIED PERSONNEL IMMEDIATELY PRIOR TO PLACING THE PAVEMENT.
- CRUSHED STONE BASE COURSE USED BENEATH CONCRETE PAVING SHALL BE COMPACTED AB-3 OR EQUIVALENT.
- ASPHALTIC SURFACE COURSE SHALL BE APWA TYPE 3. THE SURFACE COURSE SHOULD BE COMPACTED TO A MINIMUM OF 97% MARSHALL DENSITY (ASTM SPECIFICATION D 1559). 30% RAP IS ALLOWED.
- ASPHALTIC BASE COURSE SHALL BE APWA TYPE 1. THE BASE COURSE SHOULD BE COMPACTED TO A MINIMUM OF 95% MARSHALL DENSITY (ASTM SPECIFICATION D 1559). 30% RAP IS ALLOWED.
- THE CONTRACTOR SHALL PROVIDE A TACK COAT BETWEEN LIFTS OF ASPHALT.
- ALL SITE CONCRETE (CURBS, PAVEMENTS, SIDEWALKS, ETC.) SHALL MEET KANSAS CITY MATERIALS METRO BOARD (KCMB) MIX DESIGN SPECIFICATIONS FOR 4,000 P.S.I. AIR ENTRAINED CONCRETE.
- IN NEW PAVEMENT AREAS, CONTRACTOR SHALL OVER EXCAVATE AS REQUIRED TO ESTABLISH NEW COMPACTED SUBGRADE ELEVATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL PAVEMENT AND SUBGRADE MATERIALS TESTING.



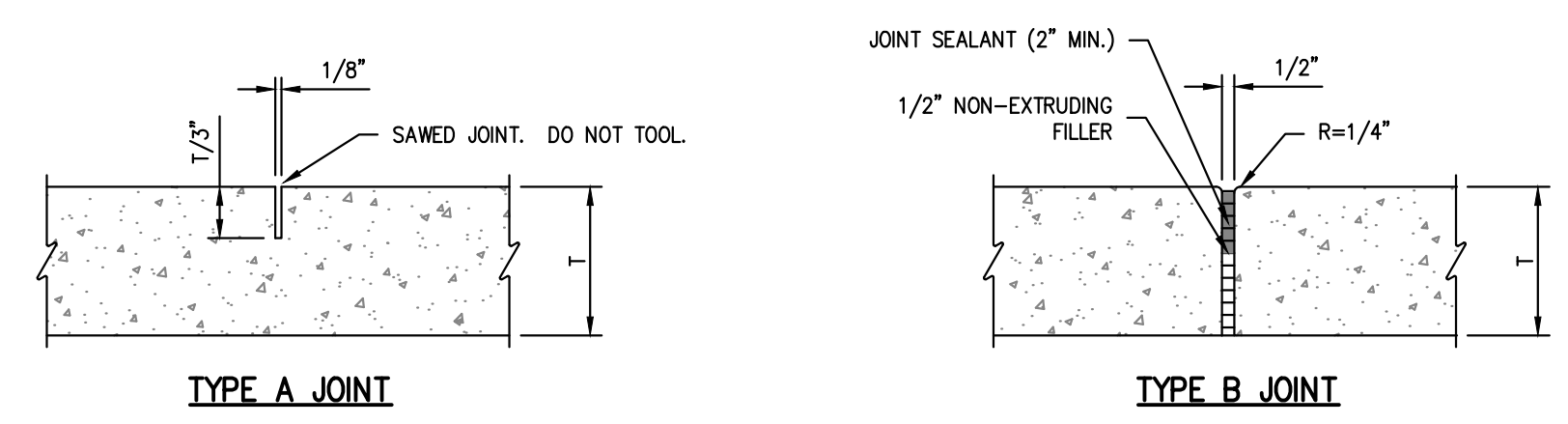
PAVING SECTIONS
SCALE: N.T.S.



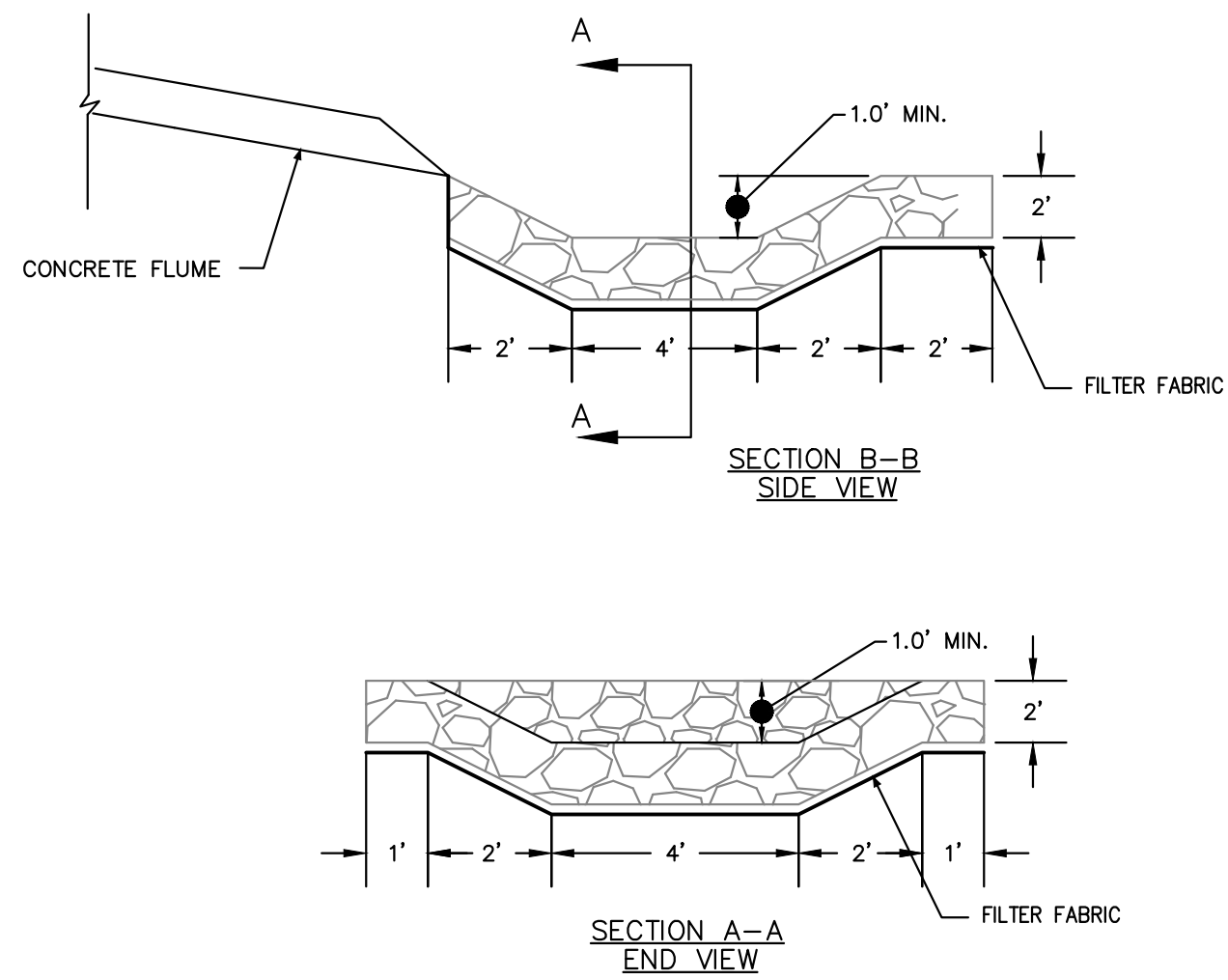
MONOLITHIC CURB DETAIL
SCALE: N.T.S.



PRIVATE CONCRETE SIDEWALKS (NON REINFORCED)
SCALE: N.T.S.



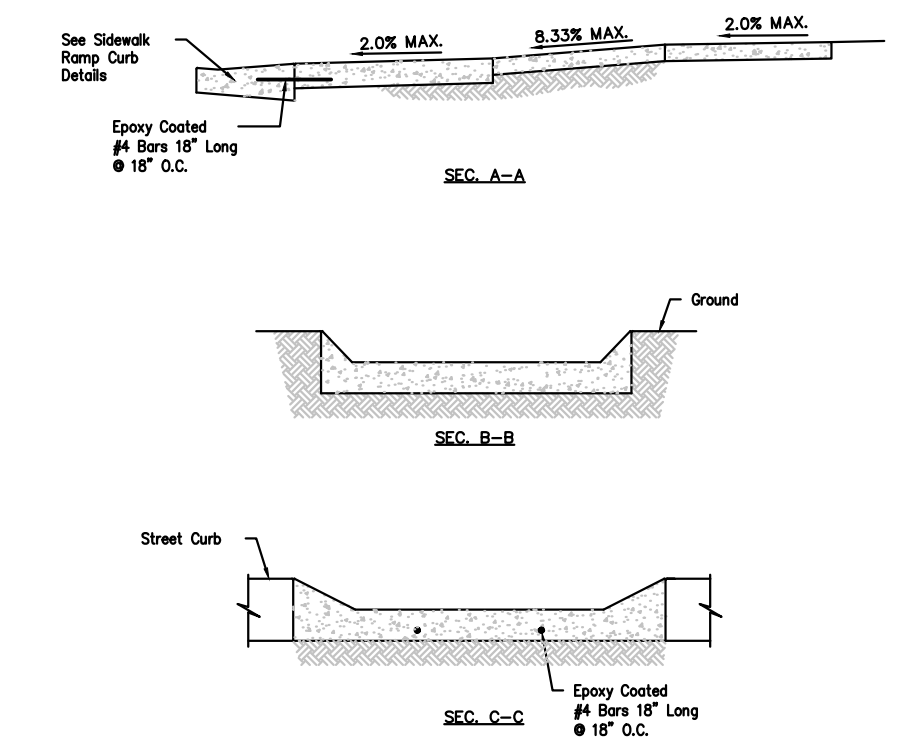
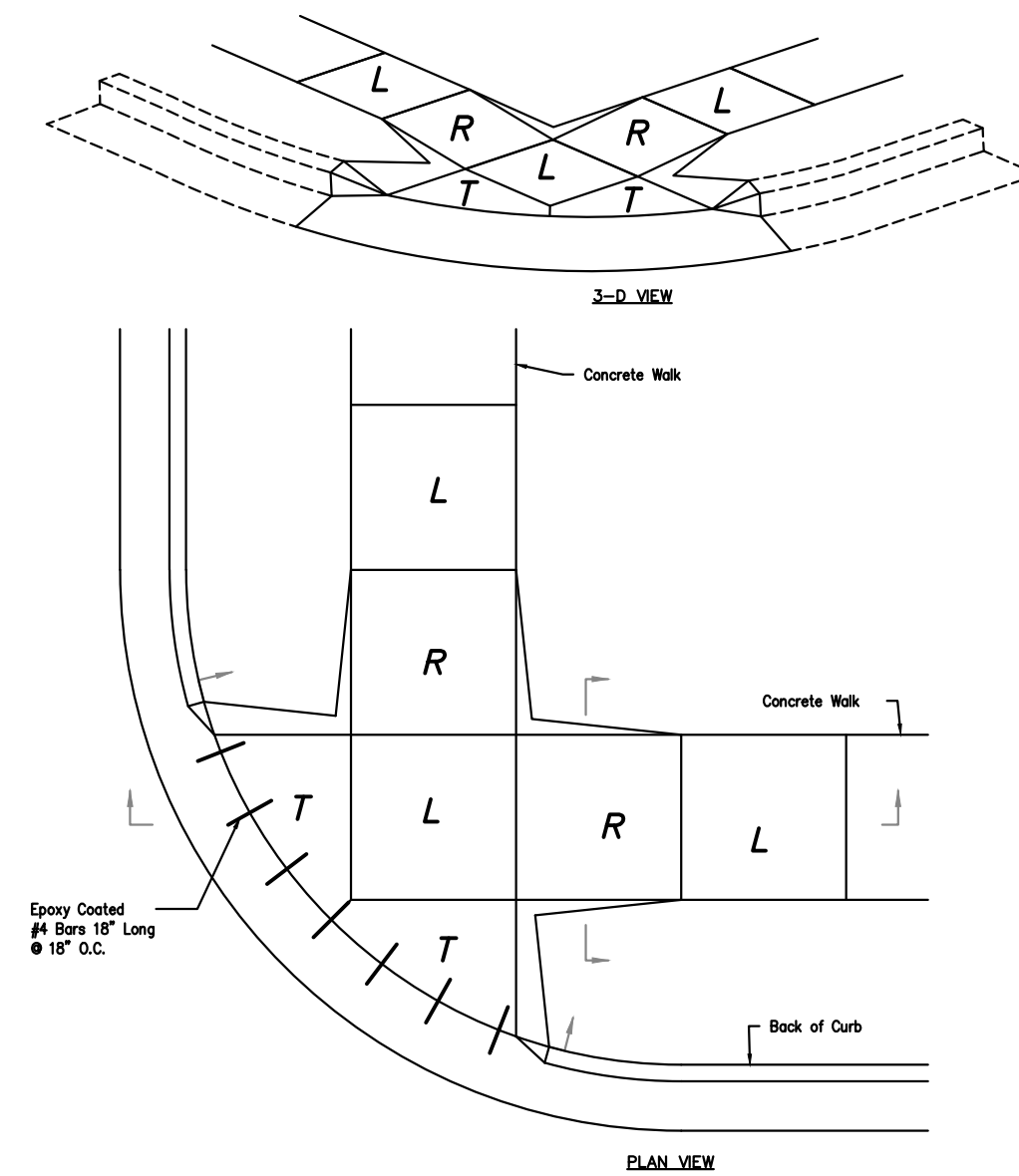
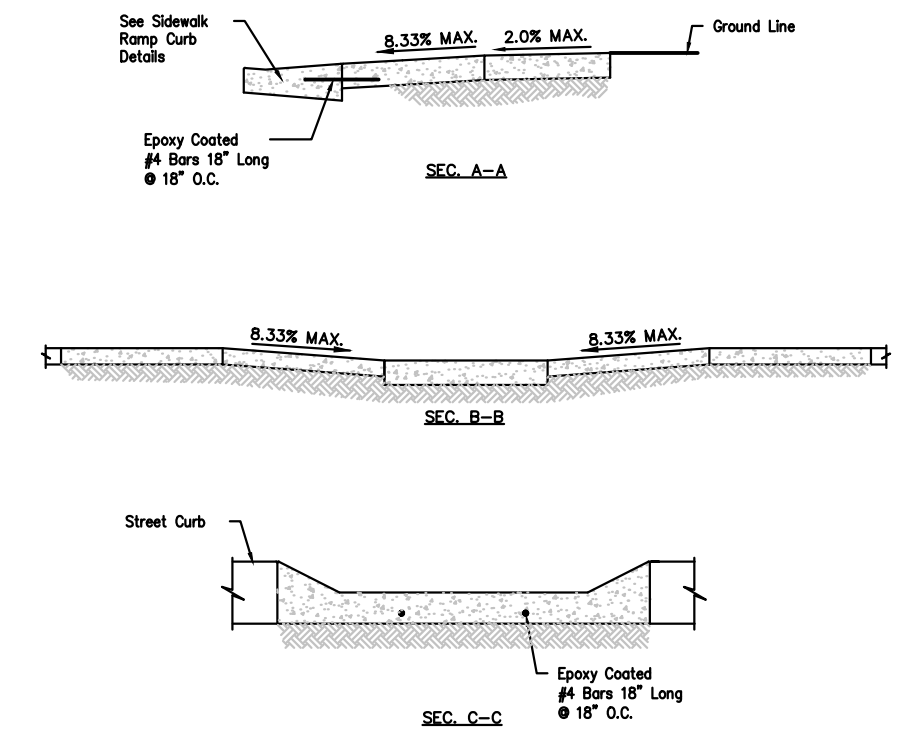
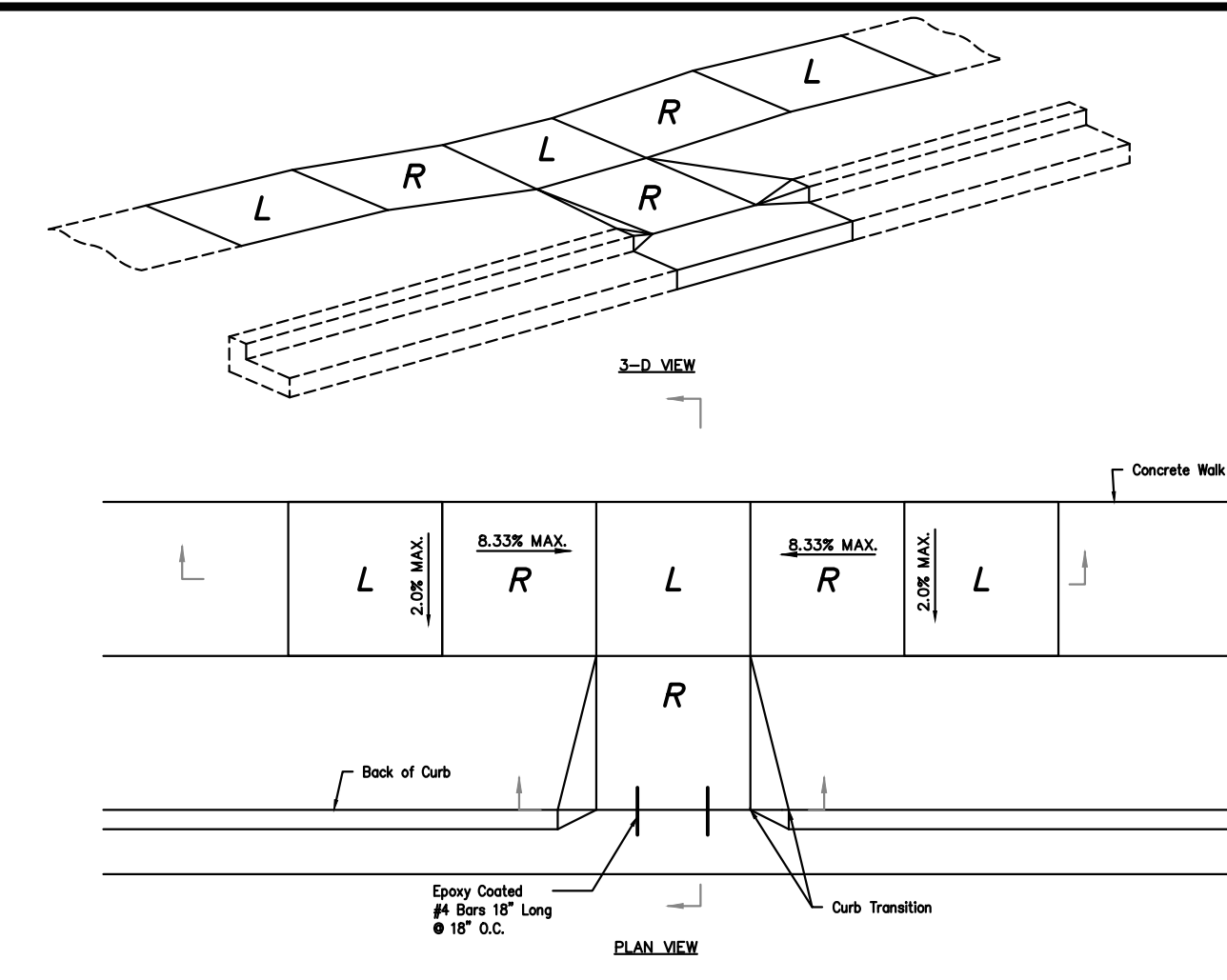
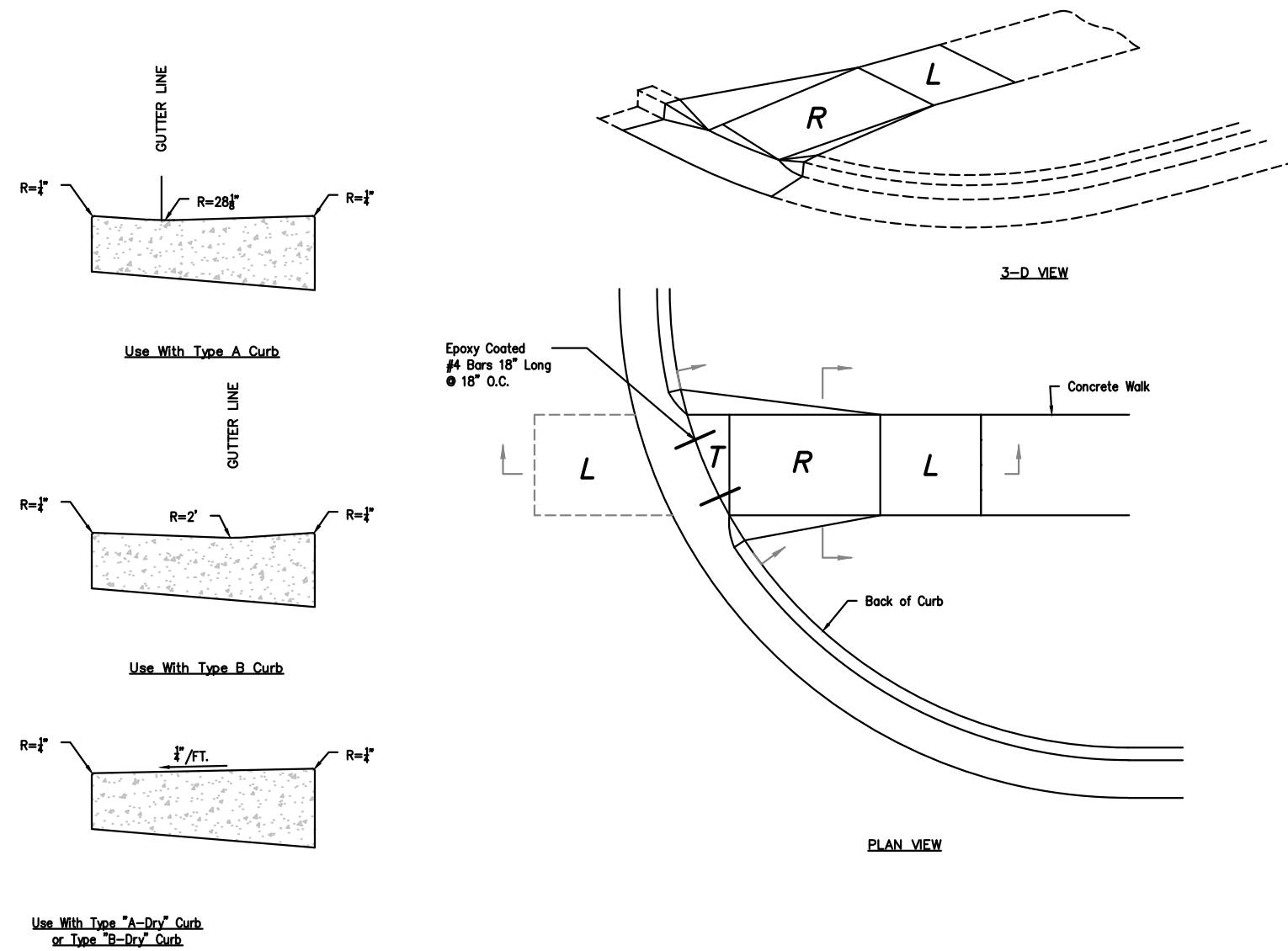
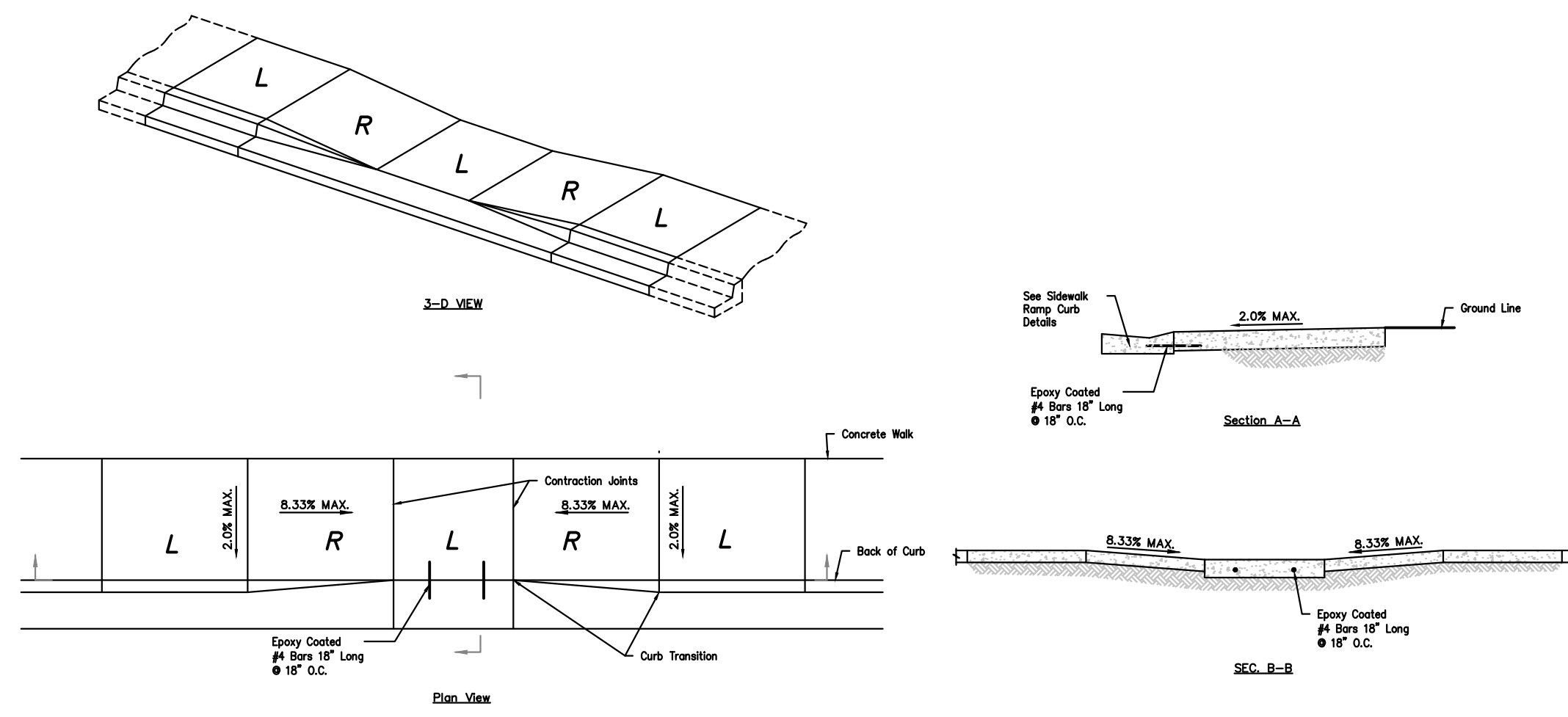
CONCRETE SIDEWALK JOINT DETAILS
SCALE: N.T.S.



Filter Fabric: Filter fabric shall consist of a synthetic fiber consisting of polypropylene, nylon or polyester filaments in either a woven or non-woven fabric. The percent of open area shall be not less than four percent nor more than ten percent. The fabric shall provide an Equivalent Opening Size (EOS) no finer than the U.S. Standard Sieve Size No. 70. In addition, the filter fabric shall meet the following physical requirements:

- Tensile Strength: Minimum grab tensile strength, both warpwise and fillingwise, shall be 200 pounds, when tested in accordance with ASTM D 5034, using a four inch by six inch specimen and a jaw speed of twelve inches per minute.
- Elongation: Grab elongation shall be not less than fifteen percent nor more than 60 percent, both warpwise and fillingwise, when tested in accordance with ASTM D 5034.
- Tear Strength: Minimum trapezoidal tear strength shall be 100 pounds, both warpwise and fillingwise. Method of test for woven fabrics shall be in accordance with ASTM D 1117.
- Bursting Strength: Minimum bursting strength shall be 200 psi when tested in accordance with ASTM D 3887.
- Width: Filter fabrics shall be furnished in widths of not less than six feet.

RIPRAP INSTALLATION DETAIL AT CONCRETE FLUME

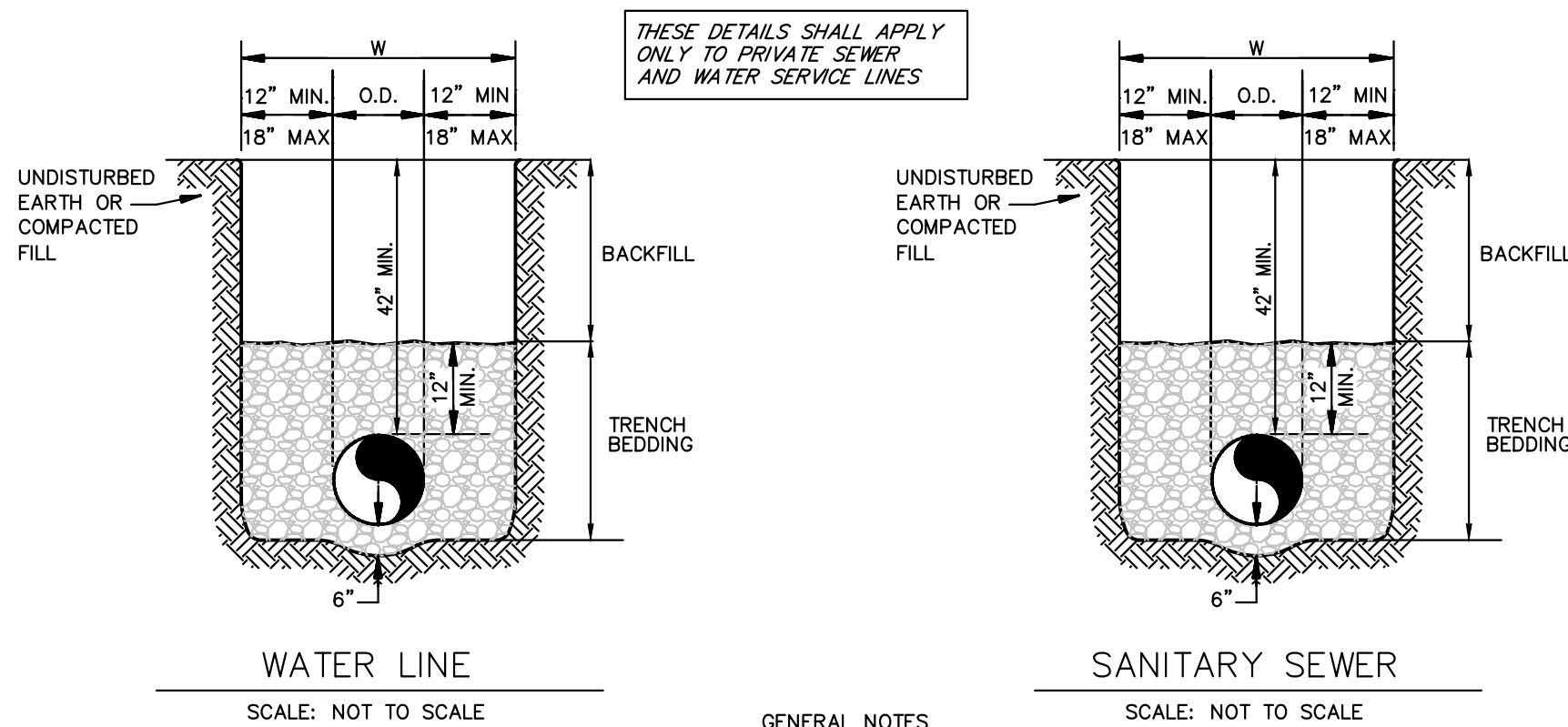


L = LANDING
R = RAMP
T = TRANSITION

RAMP (Required to transition elevation): Max. Longitudinal Slope = 0.33%
Max. Cross Slope = 2.00%
Min. Width = 5'
Min. Length = 5'

LANDING (Required to change direction of travel): Max. Longitudinal Slope = 2.00%
Max. Cross Slope = 2.00%
Min. Width = 5'

PRIVATE SIDEWALK RAMPS
SCALE: N.T.S.

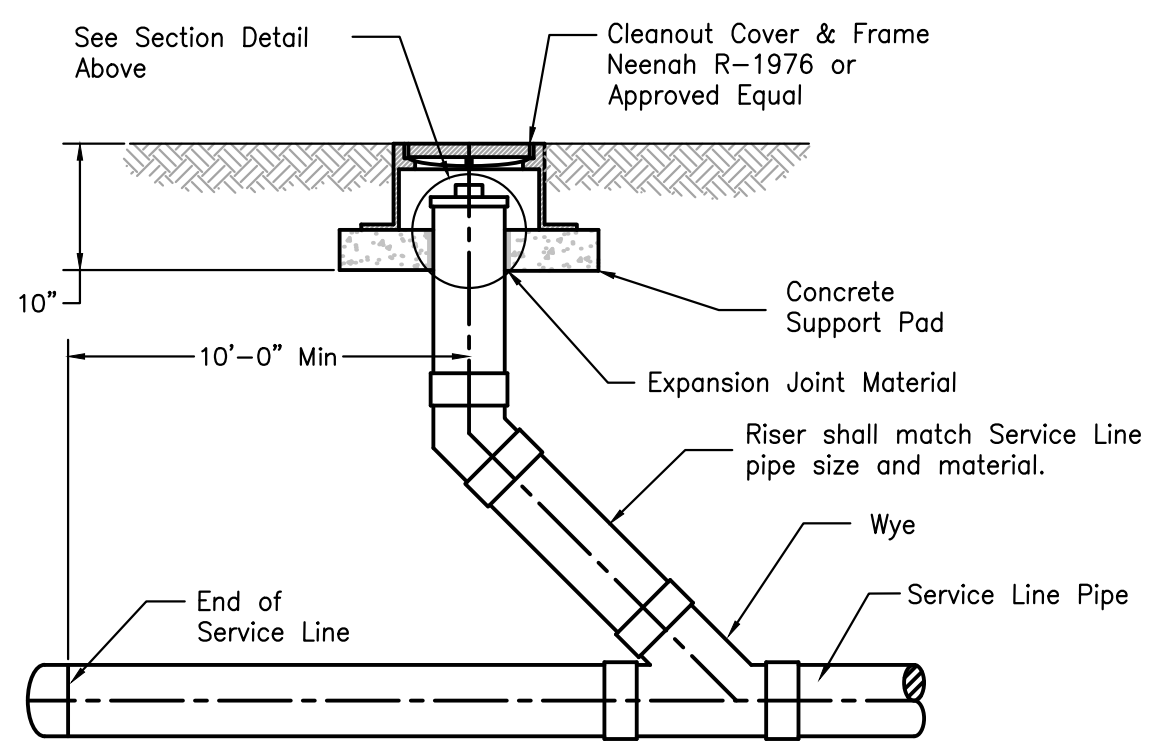
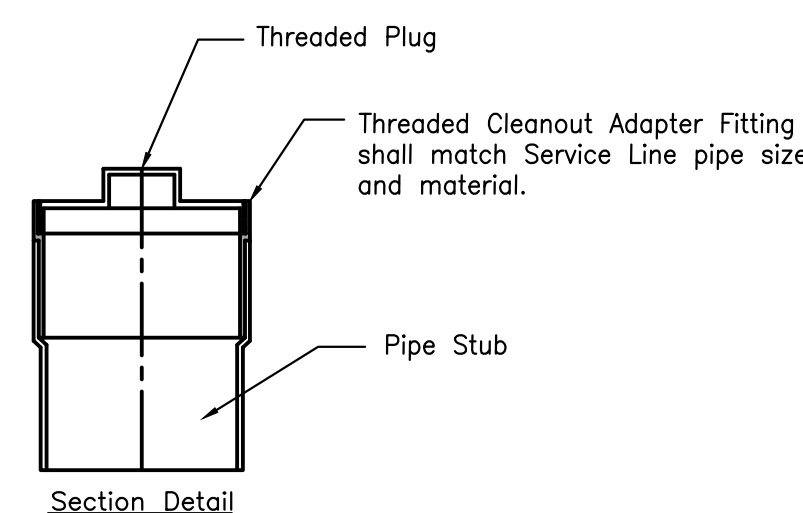


- TRENCH BEDDING
- GRANULAR EMBEDMENT SHALL BE KDOT STD. SPEC. SECT. 1100, PB-2 COURSE AGGREGATE FOR CONCRETE, WASHED STONE OR GRAVEL, MEETING THE FOLLOWING CONDITIONS:

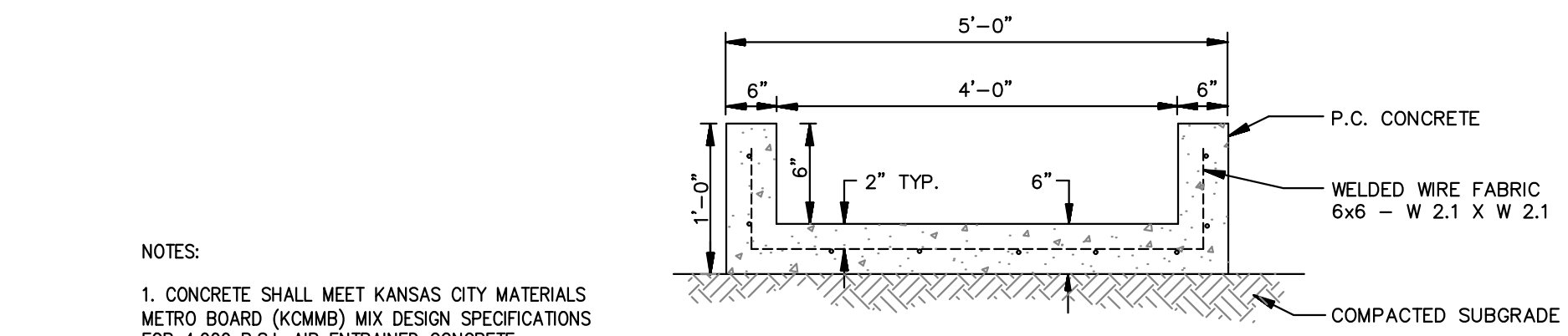
SIEVE SIZE	PERCENT RETAINED
1-INCH	0
3/4-INCH	0-20
3-INCH	40-70
No. 8	95-100

- GRANULAR EMBEDMENT FROM THE TOP OF PIPE DOWN SHALL BE COMPACTED TO 85% MAXIMUM DENSITY AS DETERMINED BY ASTM D 698.
- GRANULAR EMBEDMENT ABOVE TOP OF PIPE SHALL BE AN UN-COMPACTED LAYER FOR ALL INSTALLATIONS.
- TRENCH OUTLINES DO NOT INDICATE ACTUAL TRENCH EXCAVATION SHAPE, SOIL CONDITIONS, OR PRESENCE OF SHEETING LEFT IN PLACE. EMBEDMENT MATERIAL SHALL EXTEND THE FULL WIDTH OF THE ACTUAL TRENCH EXCAVATION.

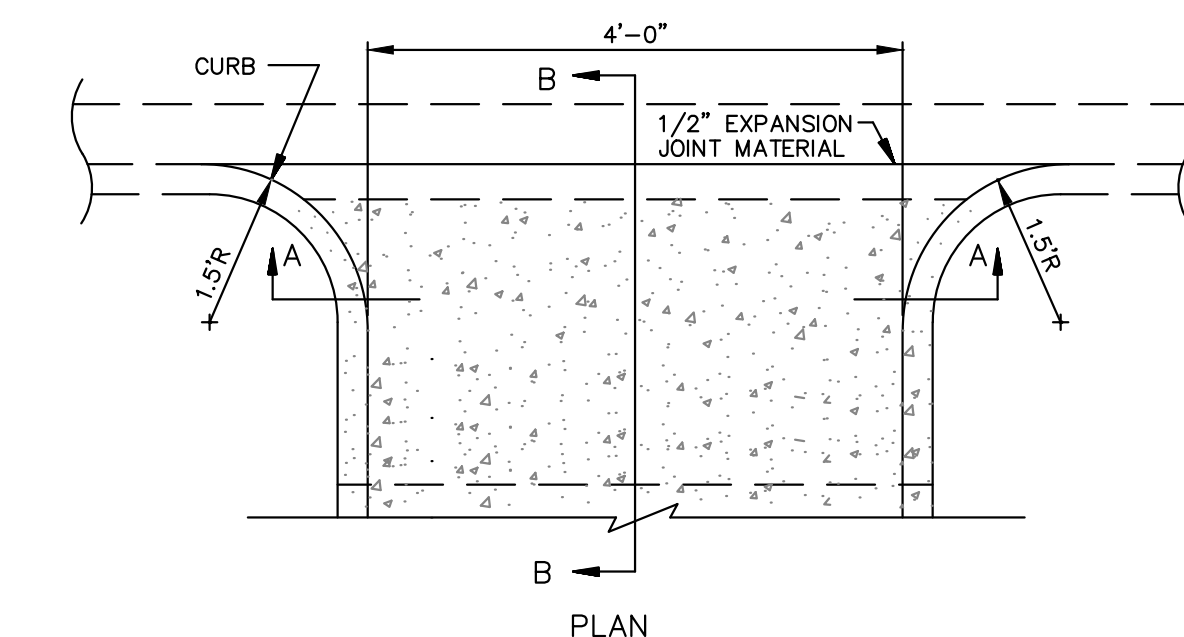
- BACKFILL
- ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
 - ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
 - FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
 - ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)



CLEANOUT DETAIL (NON-PAVED AREAS)
SCALE: N.T.S.



- NOTES:
- CONCRETE SHALL MEET KANSAS CITY MATERIALS METRO BOARD (KCM) MIX DESIGN SPECIFICATIONS FOR 4,000 P.S.I. AIR ENTRAINED CONCRETE.



CONCRETE FLUME DETAIL
N.T.S.

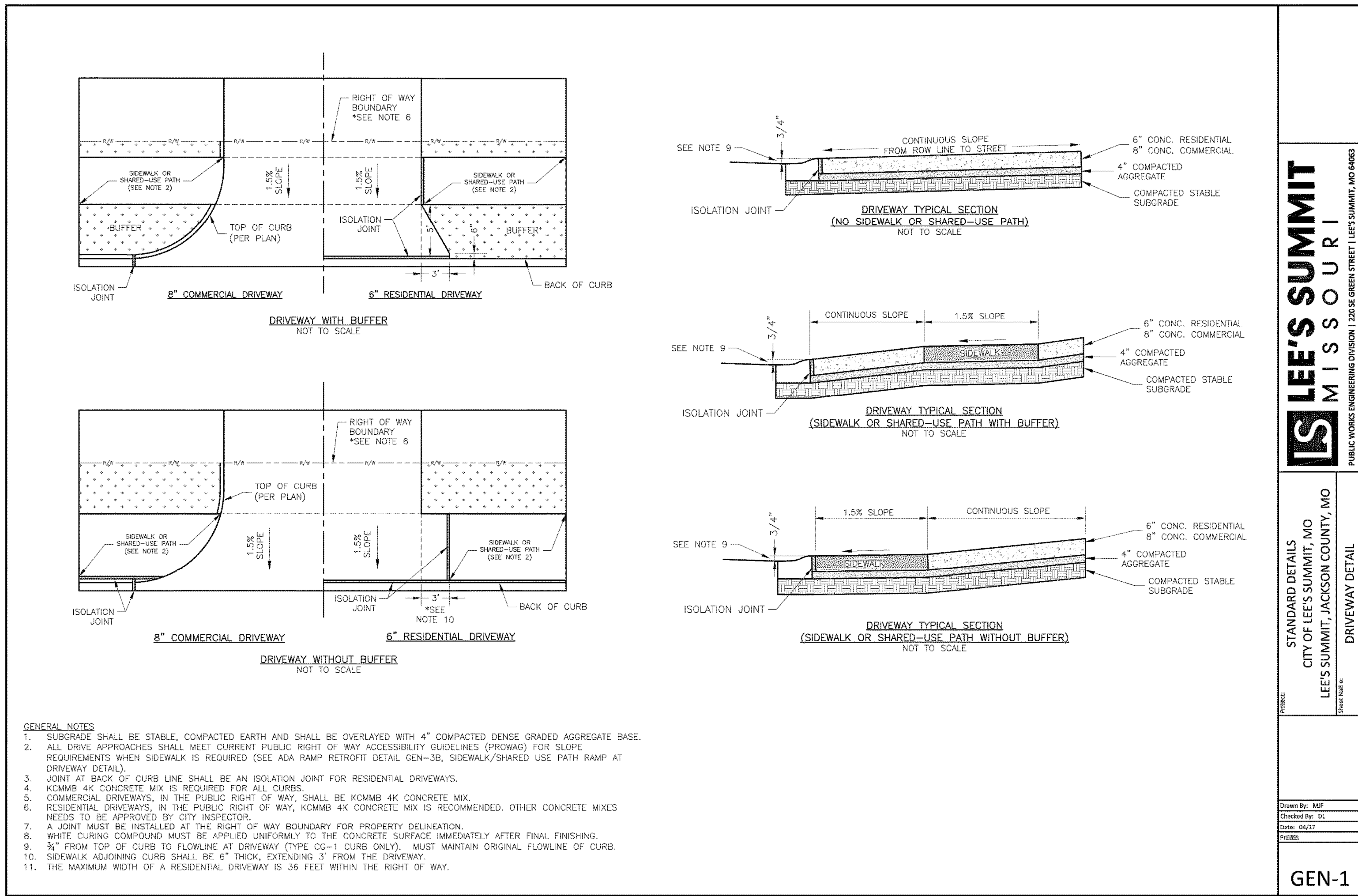


PHILIPS ENGINEERING, INC.
1370 N. Winchester
Olathe, Kansas 66061
(913) 993-1155
Fax: (913) 993-1165
www.philipsengineering.com

PAVEMENT DETAILS
SCOOTER'S DRIVE THRU KIOSK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SITUS ADDRESS: 707 NE RICE ROAD

By	App.	Revisions:	Date
SNH	DAF	REVISD PER CITY COMMENTS	4-22-21
SNH	DAF	REVISD PER CITY COMMENTS	5-04-21

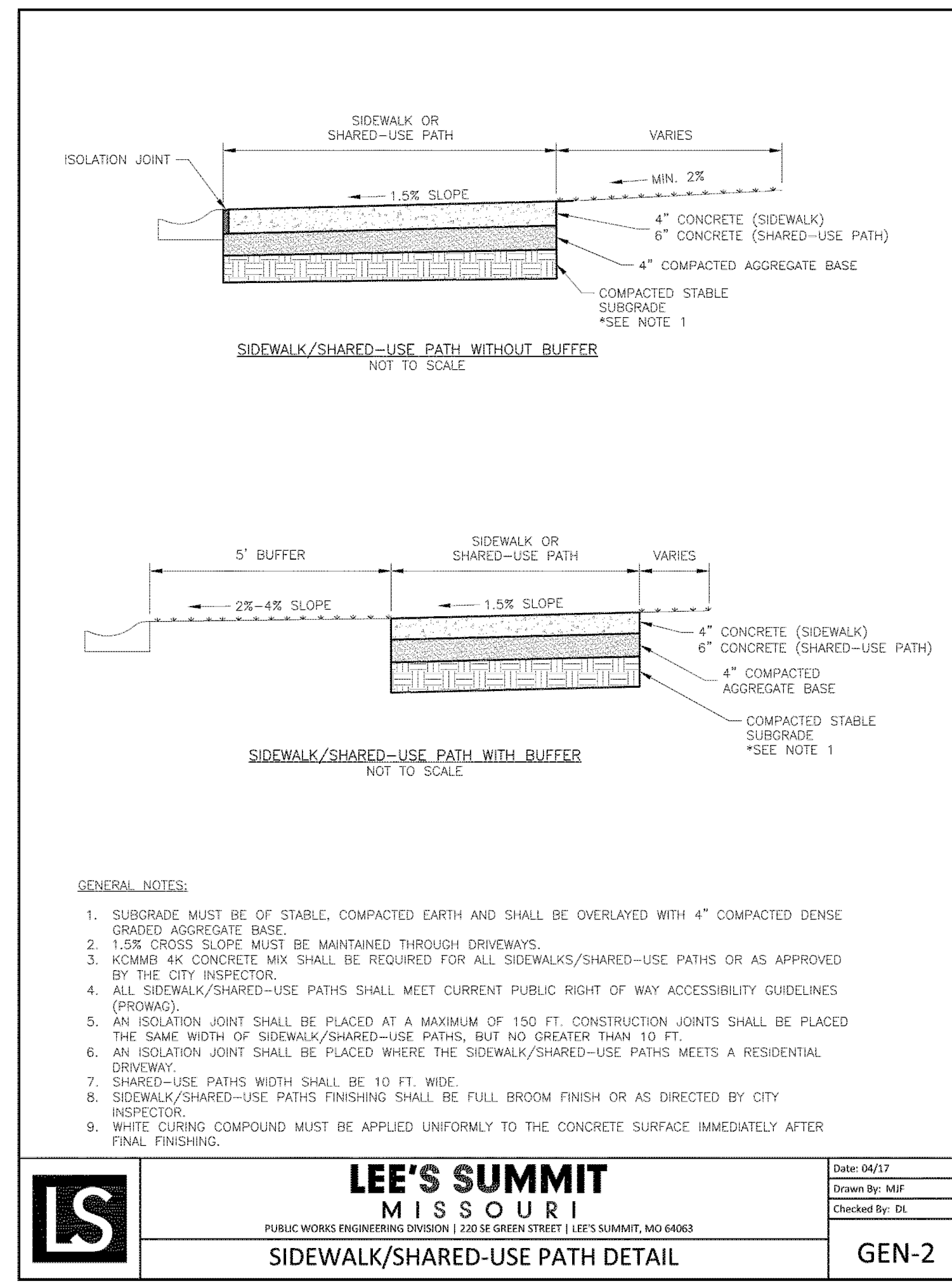
PROJECT NO. 210028
DATE: 03-31-2021
DRAWN: JDC
CHECKED: DAF
APPROVED: JDC
CREATED DATE OF AUTHORIZATION
LAND SURVEYING - LS-82
ENGINEERING - E-361
CREATED DATE OF AUTHORIZATION
LAND SURVEYING - 200700128
ENGINEERING - 200300308



LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64663

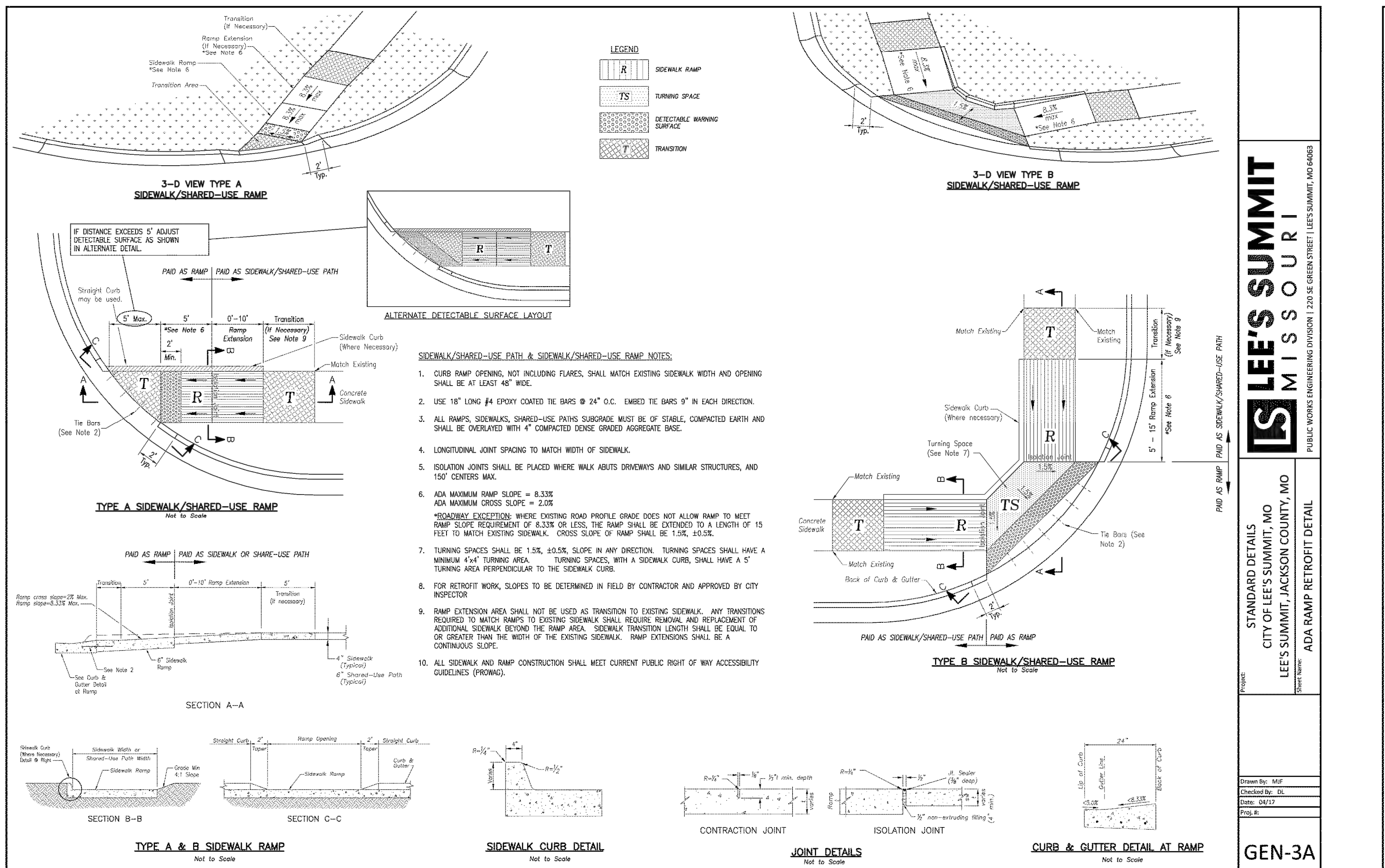
STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

GEN-1



LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64663

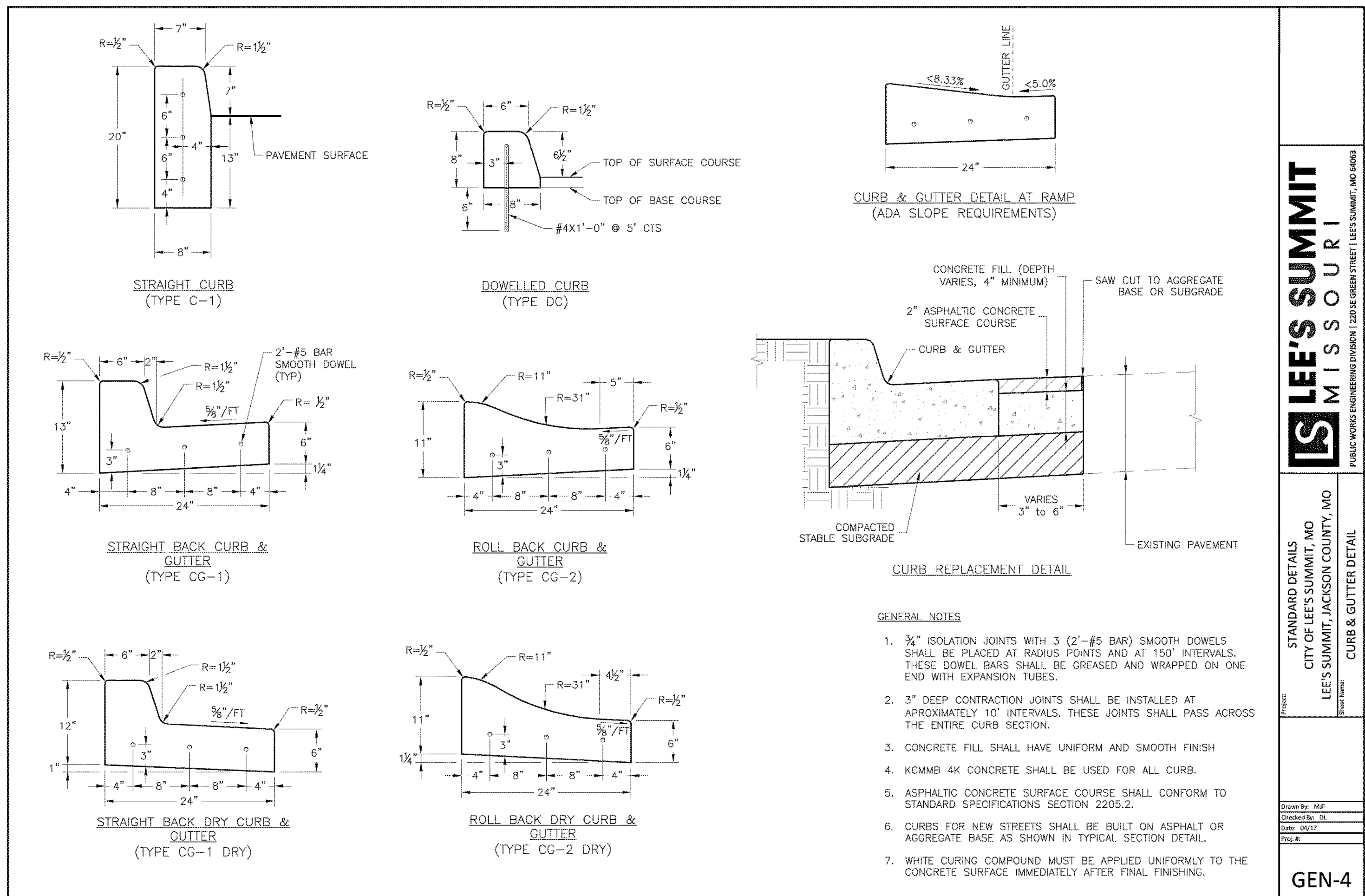
GEN-2



LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64663

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

GEN-3A



LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64663

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

GEN-4



PHelps ENGINEERING, INC.
1270 N. Winchester
Olathe, Kansas 66066
(913) 993-1155
Fax: (913) 993-1165
www.phelpsenr.com



PAVEMENT DETAILS
SCOOTER'S DRIVE THRU KIOSK
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SITUS ADDRESS: 707 NE RICE ROAD

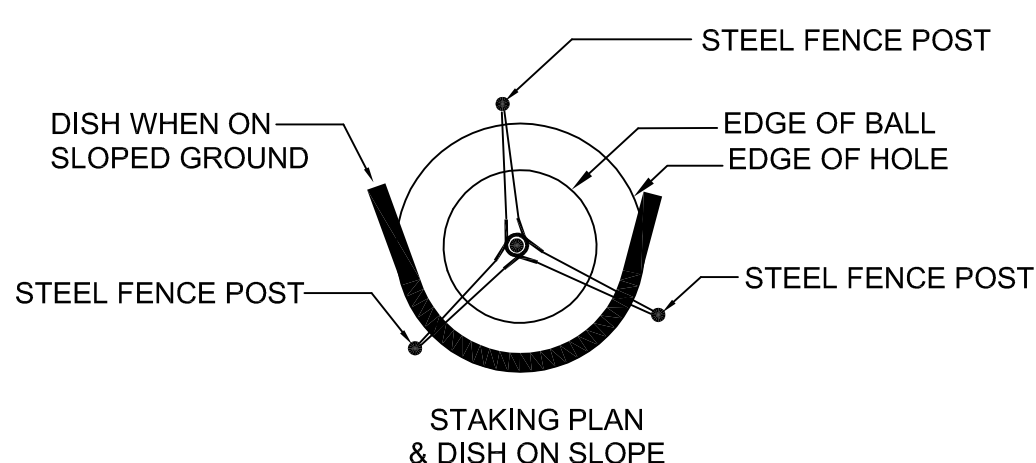
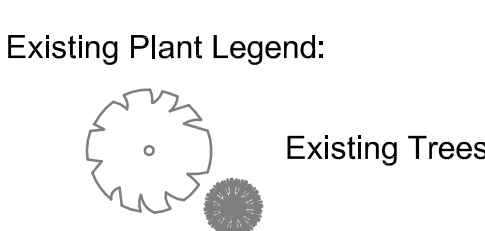
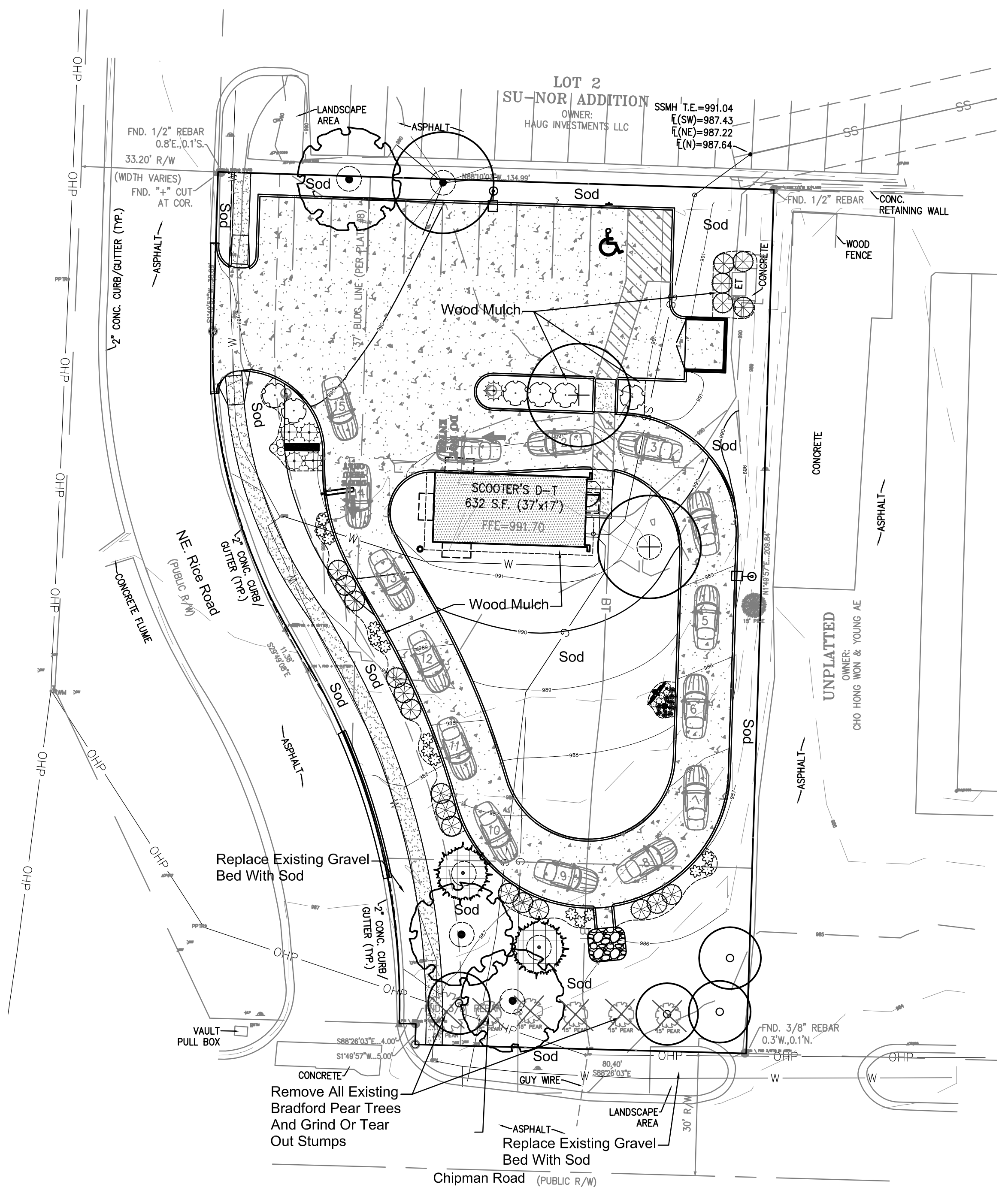
PROJECT NO.	DATE	NO.	DATE	BY	APP.
210028	4-22-21	1.	4-22-21	SNH	DAF
210028	5-04-21	2.	5-04-21	SNH	DAF

SHEET
C9

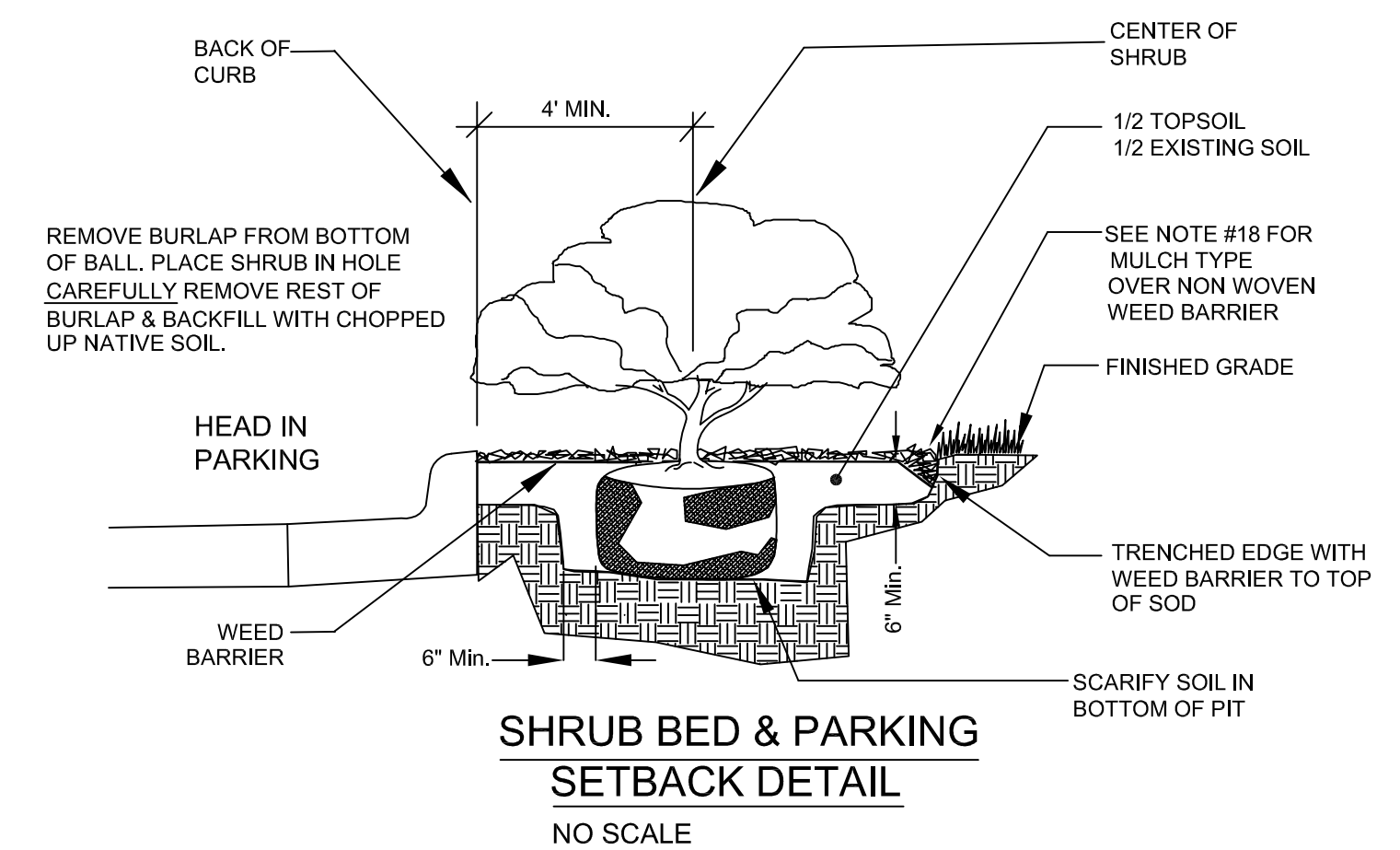
PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	3	Acer rubrum 'Red Pointe' / Red Pointe Red Maple	B & B	3"	
	4	Cercis canadensis / Oklahoma Redbud	B & B	3"	
	2	Gleditsia triacanthos 'Skyline' / 'Skyline' Honey Locust	B & B	3"	
	2	Juniperus virginiana 'Hillspire' / Hillspire Juniper	B & B		8' hgt.
	1	Quercus bicolor / Swamp White Oak	B & B	3"	
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT		
	20	Juniperus chinensis 'Sea Green' / Sea Green Juniper 24"-30" hgt. & sp.	5 gal		
	5	Juniperus virginiana 'Grey Owl' / Grey Owl Juniper 24" sp.	3 gal		
	6	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac 18"-24" sp.	3 gal		
	5	Sedum spectabile 'Autumn Fire' / Showy Stonecrop 15"-18" hgt. & sp.	1 gal		
ANNUALS/PERENNIALS	QTY	BOTANICAL / COMMON NAME	CONT		
	9	Ceratostigma plumbaginoides 'Blue Plumbago' / Blue Plumbago	1 gal		
GRASSES	QTY	BOTANICAL / COMMON NAME	CONT		
	3	Calamagrostis acutiflora 'Karl Foerster' / Feather Reed Grass 24" hgt.	3 gal		
	15	Miscanthus sinensis 'Morning Light' / Eulalia Grass	3 gal		

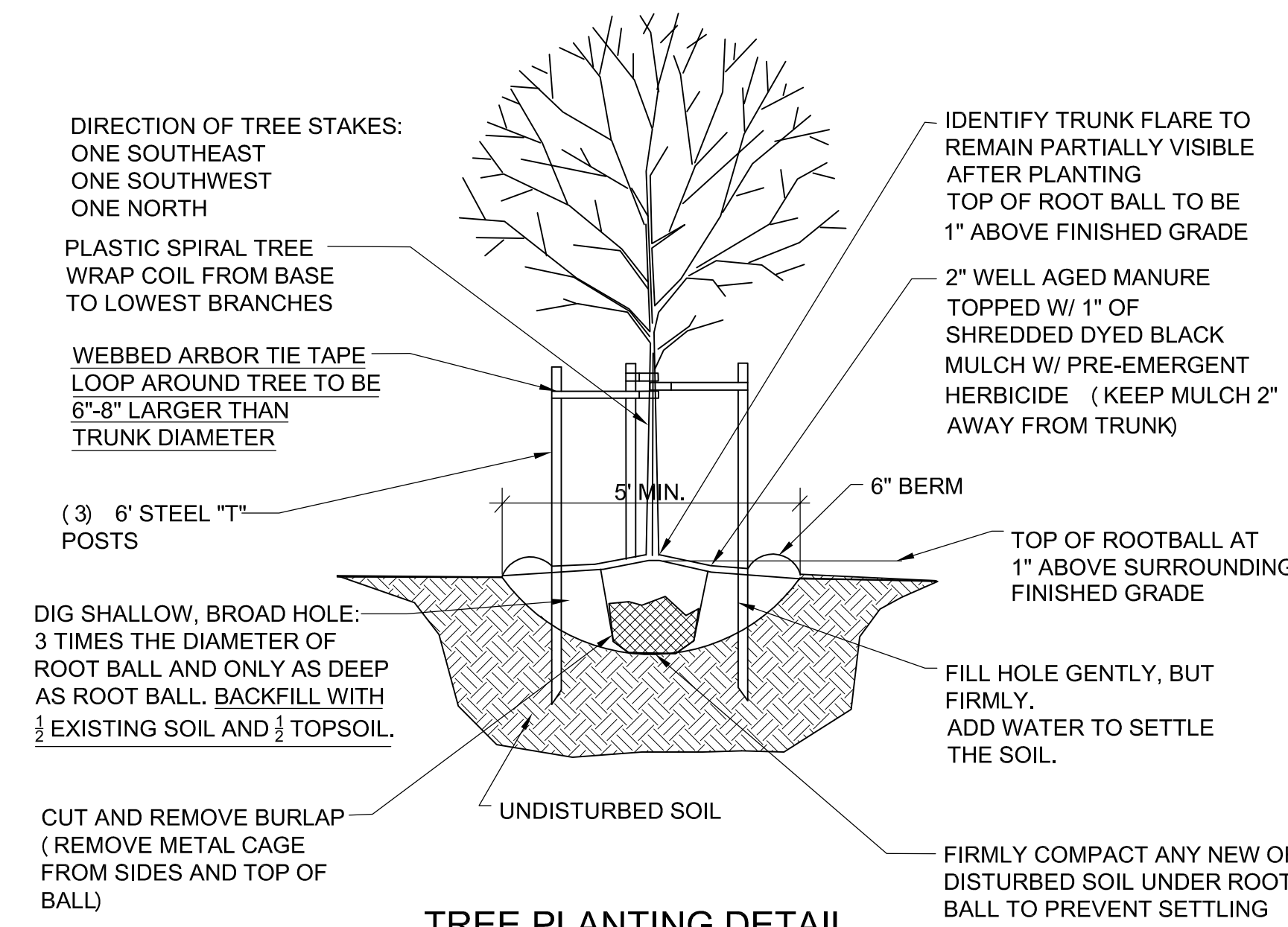
- GENERAL LANDSCAPE NOTES:**
- CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE STARTING ANY WORK.
 - CONTRACTOR SHALL VERIFY ALL LANDSCAPE MATERIAL QUANTITIES AND SHALL REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL MAKE NO SUBSTITUTIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 - CONTRACTOR SHALL STAKE LAYOUT PLAN IN THE FIELD AND SHALL HAVE THE LAYOUT APPROVED BY THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE INSTALLATION.
 - ALL LANDSCAPE BEDS SHALL BE TREATED WITH THE PRE-EMERGENT HERBICIDE PRE 1 60 DG (GRANULAR) OR AN APPROVED EQUAL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - ALL LANDSCAPE BEDS SHALL RECEIVE A TRENCHED EDGE. SEE SHRUB PLANTING DETAIL.
 - FERTILIZER FOR FESCUE SODDED LAWN, TREES AND CONTAINER STOCK AREAS SHALL BE A BALANCED FERTILIZER BASED ON RECOMMENDATIONS FROM A SOIL TEST SUPPLIED BY THE LANDSCAPE CONTRACTOR FROM AN APPROVED TESTING LAB.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE PLANTS UNTIL COMPLETION OF THE JOB AND ACCEPTANCE BY THE OWNER.
 - CONTRACTOR SHALL WARRANT ALL LANDSCAPE WORK AND PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF THE WORK BY THE OWNER.
 - CONTRACTOR SHALL PROVIDE MAINTENANCE OF ALL TREES AND SHRUBS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION IF CONTRACTED BY THE OWNER.
 - ANY PLANT MATERIAL WHICH DIES DURING THE ONE YEAR WARRANTY PERIOD SHALL BE REPLACED BY THE CONTRACTOR DURING NORMAL PLANTING SEASONS.
 - ALL PLANT NAMES ON THE PLANT LIST CONFORM TO THE STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE OR TO NAMES GENERALLY ACCEPTED IN THE NURSERY TRADE.
 - ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY STOCK AS DETERMINED IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, FREE OF PLANT DISEASES AND PESTS, OF TYPICAL GROWTH OF THE SPECIES AND HAVING A HEALTHY, NORMAL ROOT SYSTEM.
 - SIZES INDICATED ON THE PLANT LIST ARE THE MINIMUM, ACCEPTABLE SIZE. IN NO CASE WILL SIZES LESS THAN THE SPECIFIED SIZES BE ACCEPTED.
 - PLANTS SHALL NOT BE PRUNED PRIOR TO DELIVERY TO THE SITE OR AFTER INSTALLATION EXCEPT FOR THOSE BRANCHES THAT HAVE BEEN DAMAGED IN SOME WAY.
 - PLANTS SHALL NOT HAVE NAME TAGS REMOVED PRIOR TO FINAL INSPECTION.
 - ALL PLANTINGS SHALL RECEIVE A COMMERCIAL TRANSPLANT ADDITIVE PER MANUFACTURER'S RECOMMENDED RATES AND INSTRUCTIONS FOR APPLICATION.
 - MULCH SHALL BE 3" DEPTH OF DYED BLACK SHREDDED HARDWOOD SIZE OVER A FELT TYPE SOIL SEPARATOR CUT INTO THE GROUND WITH A TRENCHED EDGE. SEE TREE DETAIL FOR DIFFERENT MULCH AROUND TREES.
 - SEE PLANTING DETAILS FOR SOIL MIX IN PLANTING HOLES.
 - SOD SHALL BE A TURF-TYPE-TALL FESCUE GRASS BLEND WITH 10% PERENNIAL RYE.
 - SUCCESSFUL LANDSCAPE BIDDER SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF AN IRRIGATION SYSTEM TO BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION IF THE OWNER DESIRES.



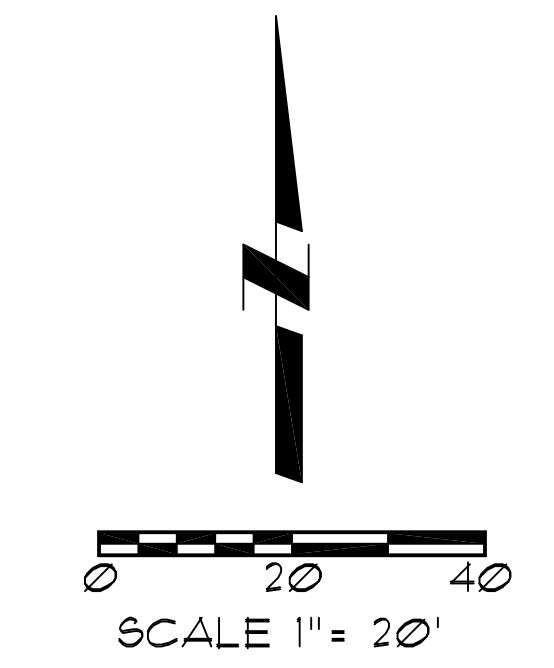
- Transplant Additives:**
- Apply a commercial transplant additive (approved by the Landscape Architect) to all trees, shrubs and groundcover at rates recommended by the manufacturer during the planting. This item shall be subsidiary to other planting items.
 - Transplant additive shall be Horticultural Alliance "DIEHARD Transplant" (or approved equal) mycorrhizal fungal transplant inoculant or equivalent equal containing the appropriate species of mycorrhizal fungi and bacteria, fungi stimulant, water retaining agents, mineral & organic nutrients and inert ingredients.
 - Demonstrate installation of all transplant additives for this project to the Landscape Architect. Provide actual additive product as evidence of sufficient quantity of product. (Empty product bags to be stockpiled for inspection by the Landscape Architect prior to disposal).
 - Number of transplant additive packets per tree, shrub or groundcover shall be applied according to the manufacturer's recommended rates and instructions. For all plants the packet mix shall be evenly distributed into the upper approximately 8" of backfill soil next to the rootball. Do not place mix in the bottom of the planting pit.
 - Furnishing and application of transplant additive shall be subsidiary to the planting operations.



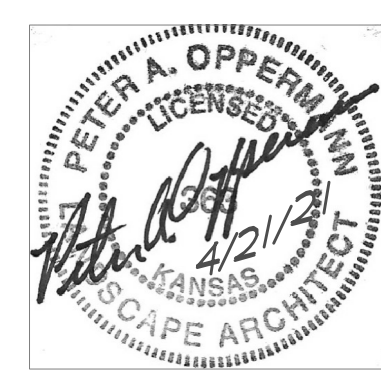
SHRUB BED & PARKING SETBACK DETAIL
NO SCALE



TREE PLANTING DETAIL
NO SCALE

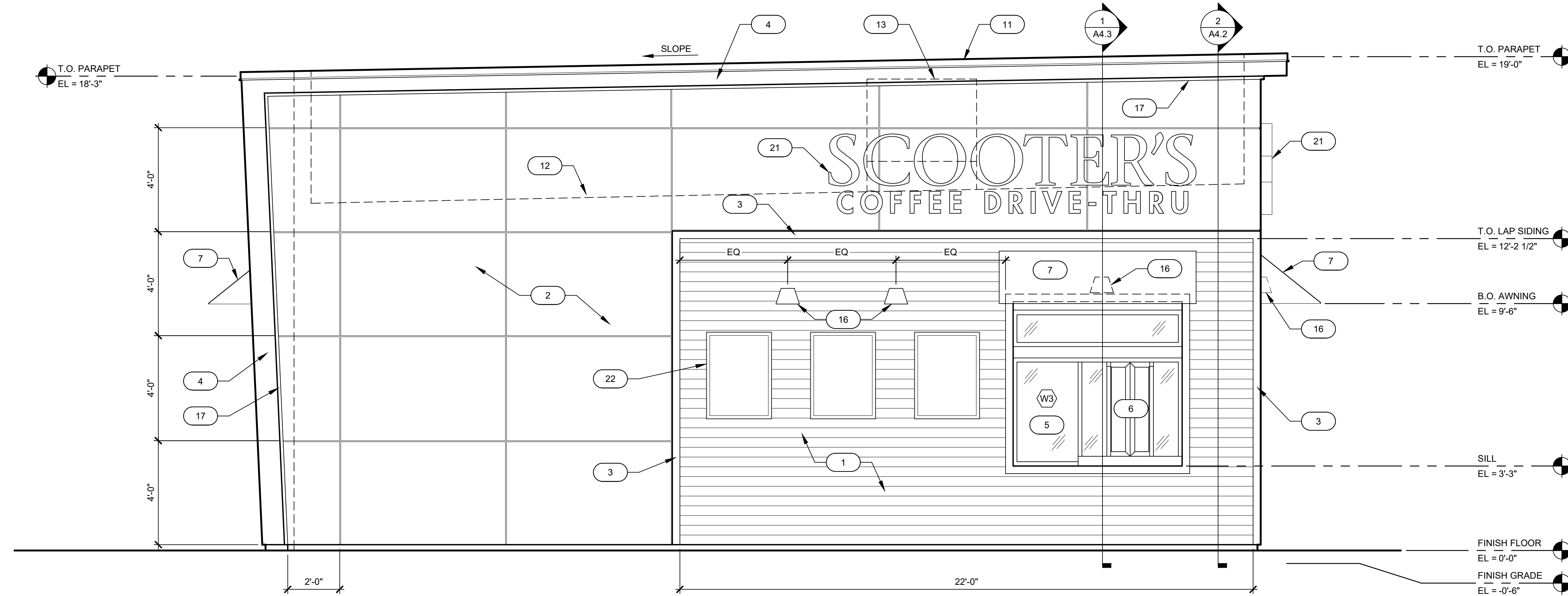


Landscape Plan
Scooter's
Lee's Summit, Missouri



Oppermann LandDesign, LLC
Land Planning & Landscape Architecture
18990 West 117th Street
Olathe, Kansas 66061
pete@opperland.com
913.894.9407

Utility Note:
Utilities shown on plan are diagrammatic and some may be missing. Before starting any construction call appropriate locating service. In Missouri call 1-800-DIG-RITE (344-7483) to have utilities located.



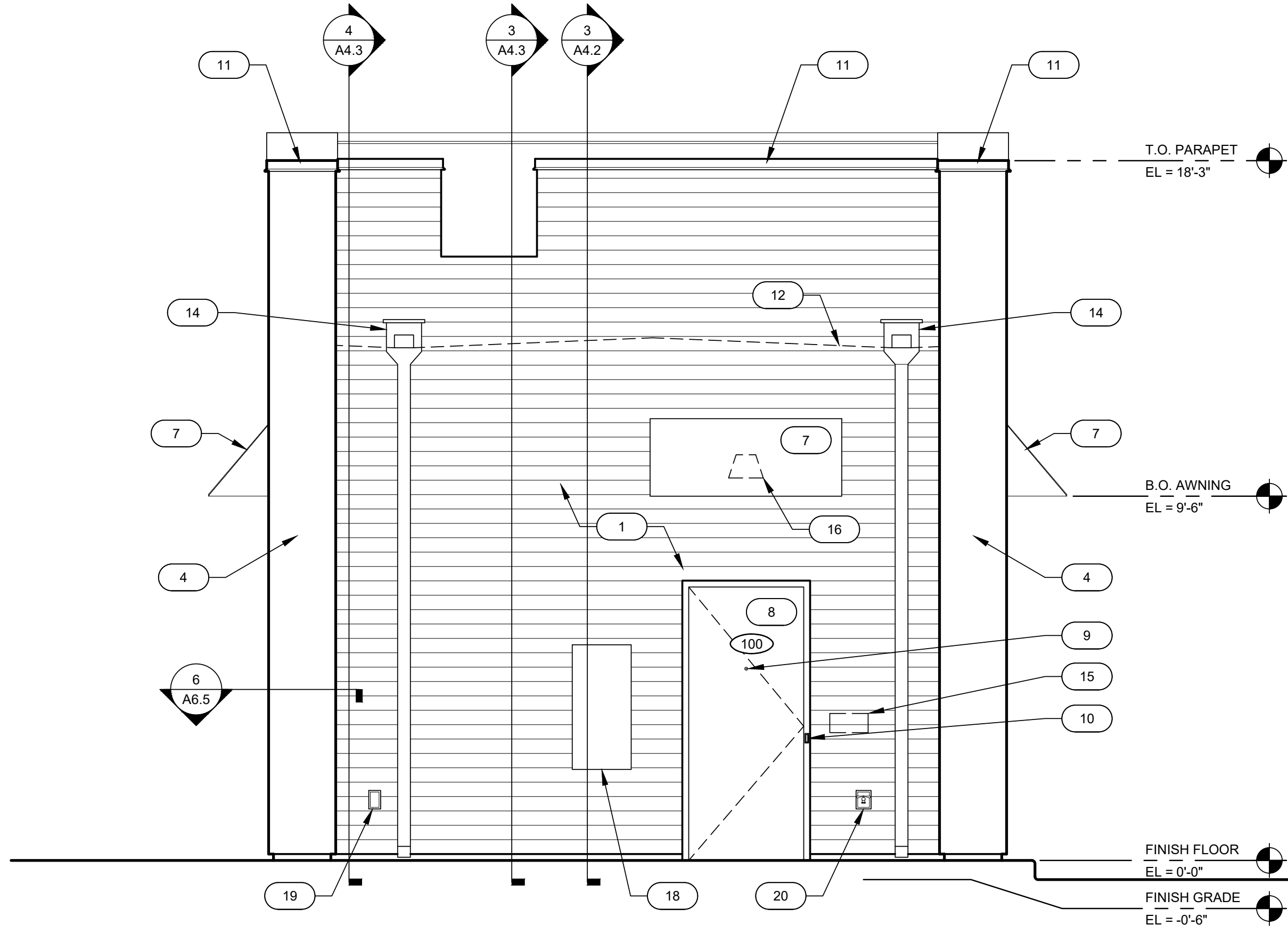
2 EXTERIOR ELEVATION - NORTH
SCALE: 3/8" = 1'-0"

KEYNOTES

1. HARDIE PLANK HZ10 LAP SIDING CEDARMILL 6-1/4". SEE HARDIE DETAIL SHEET A6.5 - COLOR: SHERWIN WILLIAMS SW6992 INKWELL EGG SHELL FINISH
2. HARDIE REVEAL PANEL SYSTEM WZ10 - SMOOTH FINISH, SEE HARDIE DETAIL SHEET A6.5 - COLOR: SW 1015 SKYLINE STEEL
3. 3 1/2" HARDIE TRIM, SEE HARDIE DETAIL SHEET A6.5 - COLOR: SHERWIN WILLIAMS SW6992 INKWELL EGG SHELL FINISH
4. 20 GAUGE METAL ACCENTS AND SOFFITS - COLOR: BLACK
5. INSULATED DARK BRONZE ALUMINUM WINDOWS WITH DUAL PANE TEMPERED GLASS
6. QUICKSERVE 48X48 WINDOW - COLOR: DARK BRONZE
7. AWNING BY OTHERS - COLOR: RED
8. INSULATED HOLLOW METAL DOOR AND FRAME - COLOR: SHERWIN WILLIAMS SW6992 INKWELL EGG SHELL FINISH
9. PEEP HOLE, BY DOOR MANUFACTURER
10. DOOR BELL
11. 20 GAUGE METAL PARAPET CAP
12. LINE OF ROOF BEYOND
13. ROOF TOP UNIT BEYOND, SEE MECHANICAL DRAWINGS
14. ROOF SCUPPER AND DOWNSPOUT, SEE DETAIL 8/A6.3
15. MAILBOX BY OWNER
16. WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL DRAWINGS
17. LED LIGHT BAND, SEE ELECTRICAL DRAWINGS
18. SES PANEL, SEE ELECTRICAL DRAWINGS
19. ELECTRICAL OUTLETS, SEE ELECTRICAL DRAWINGS
20. HOSE BIBB, SEE PLUMBING DRAWINGS
21. SIGNAGE BY OTHERS, UNDER A SEPARATE PERMIT
22. SNAP FRAME DISPLAY CASE

SW 6992
Inkwell
Interior / Exterior
Location Number: 251-C4

SW 1015
Skyline Steel
Interior / Exterior
Location Number: 283-C3



1 EXTERIOR ELEVATION - EAST
SCALE: 3/8" = 1'-0"

WARMAN ARCHITECTURE + DESIGN
1735 SWIFT AVE.
NORTH KANSAS CITY, MISSOURI 64116
V. 816.474.2233 F. 816.474.1051

Missouri State Certificate of Authority #ARC 000745

KATHELEEN ANN WARMAN - ARCHITECT
MO # A5819

Scooter's Coffee Drive-Thru
707 NE Rice Rd
Lee's Summit, MO

EXTERIOR ELEVATIONS

Loving Cup, LLC
dba Scooter's Coffee
200 NE Woods Chapel Rd
Lee's Summit, MO 64064

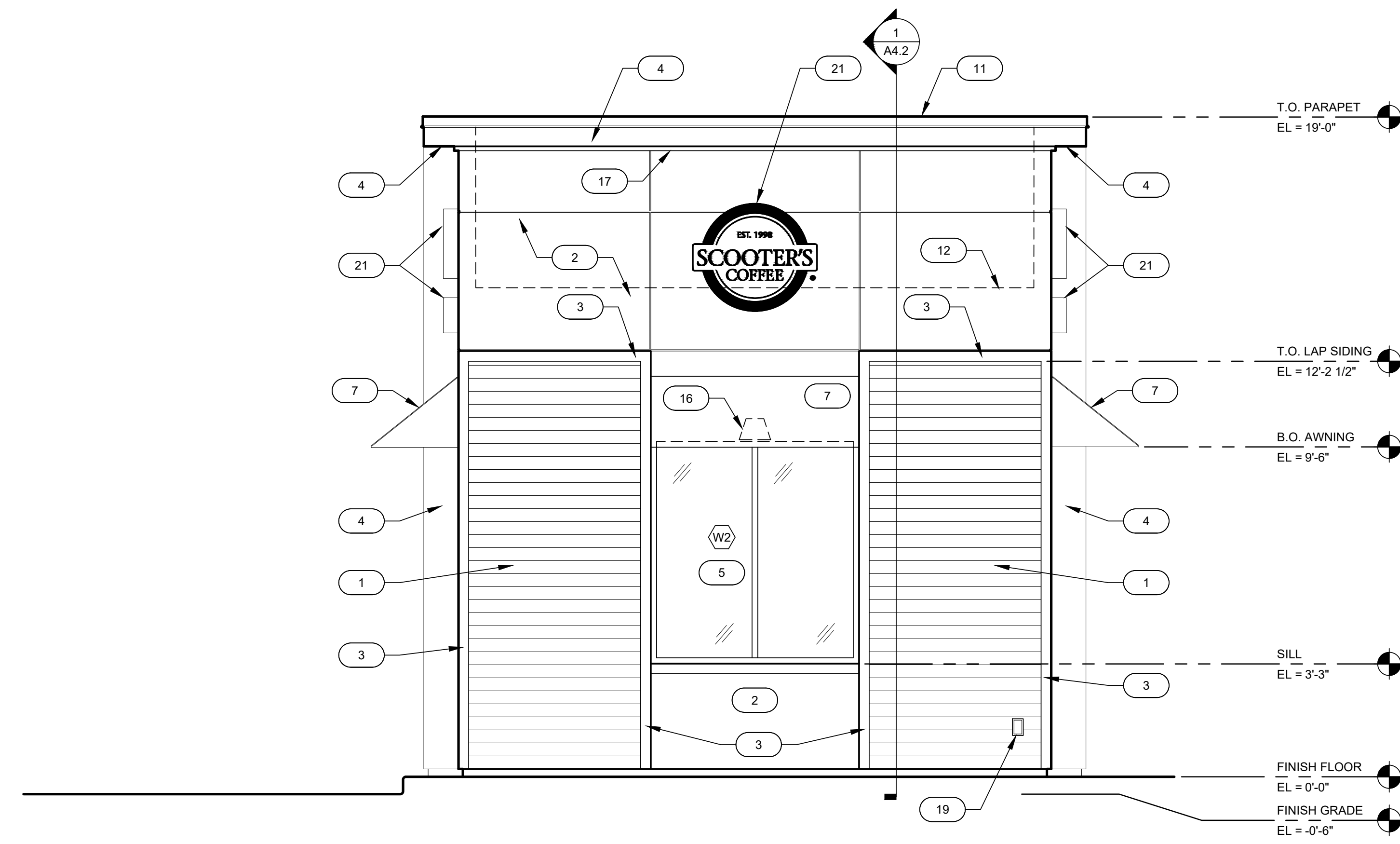
#	BY	DATE	SOURCE

DATE: 03.29.21
DESIGNED BY: KAW
DRAWN BY: JDE
APPROVED BY: KAW

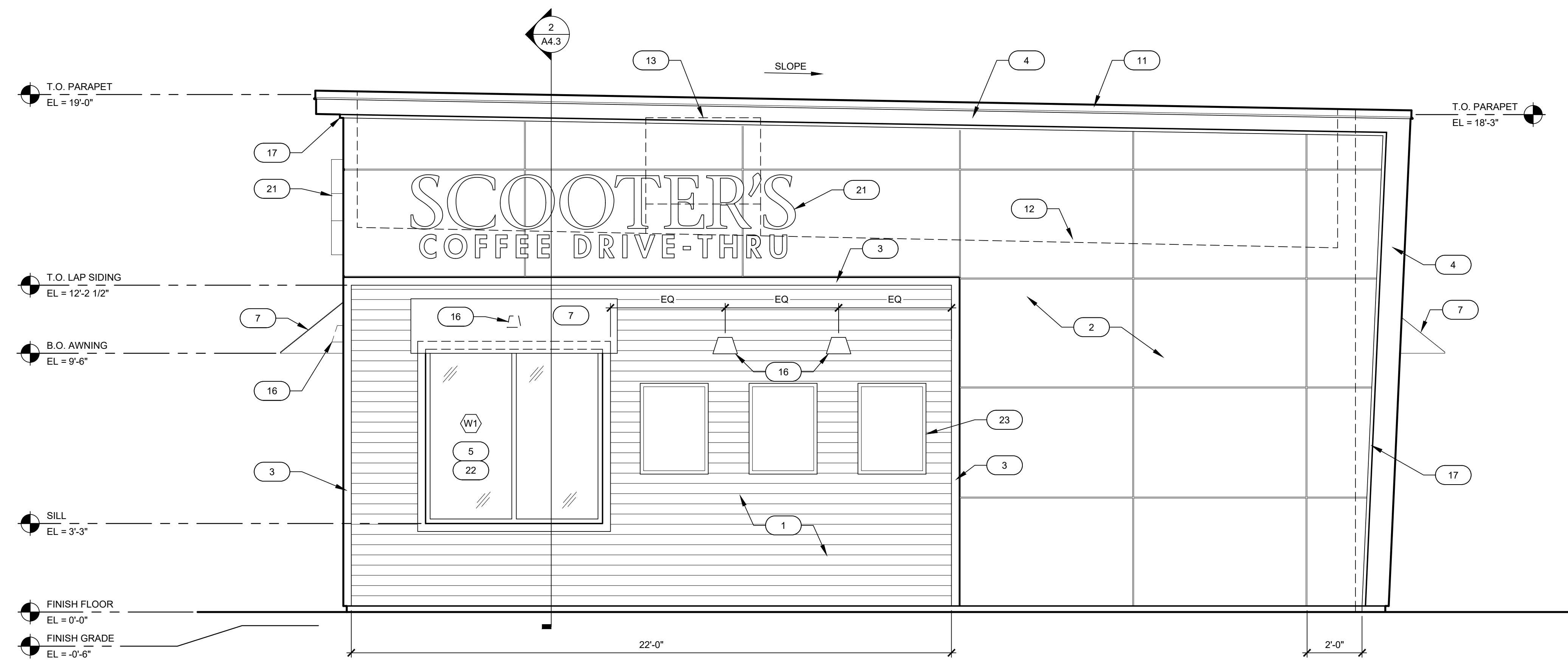
SHEET NUMBER
A3.1
JOB NUMBER
5639-21

KEYNOTES

1. HARDIE PLANK HZ10 LAP SIDING CEDARMILL 6-1/4". SEE HARDIE DETAIL SHEET A6.5 - COLOR: SHERWIN WILLIAMS SW6992 INKWELL EGGSHHELL FINISH
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18. SES PANEL, SEE ELECTRICAL DRAWINGS
19. ELECTRICAL OUTLETS, SEE ELECTRICAL DRAWINGS
20. HOSE BIBB, SEE PLUMBING DRAWINGS
21. SIGNAGE BY OTHERS, UNDER A SEPARATE PERMIT
22. SPANDREL GLASS
23. SNAP FRAME DISPLAY CASE



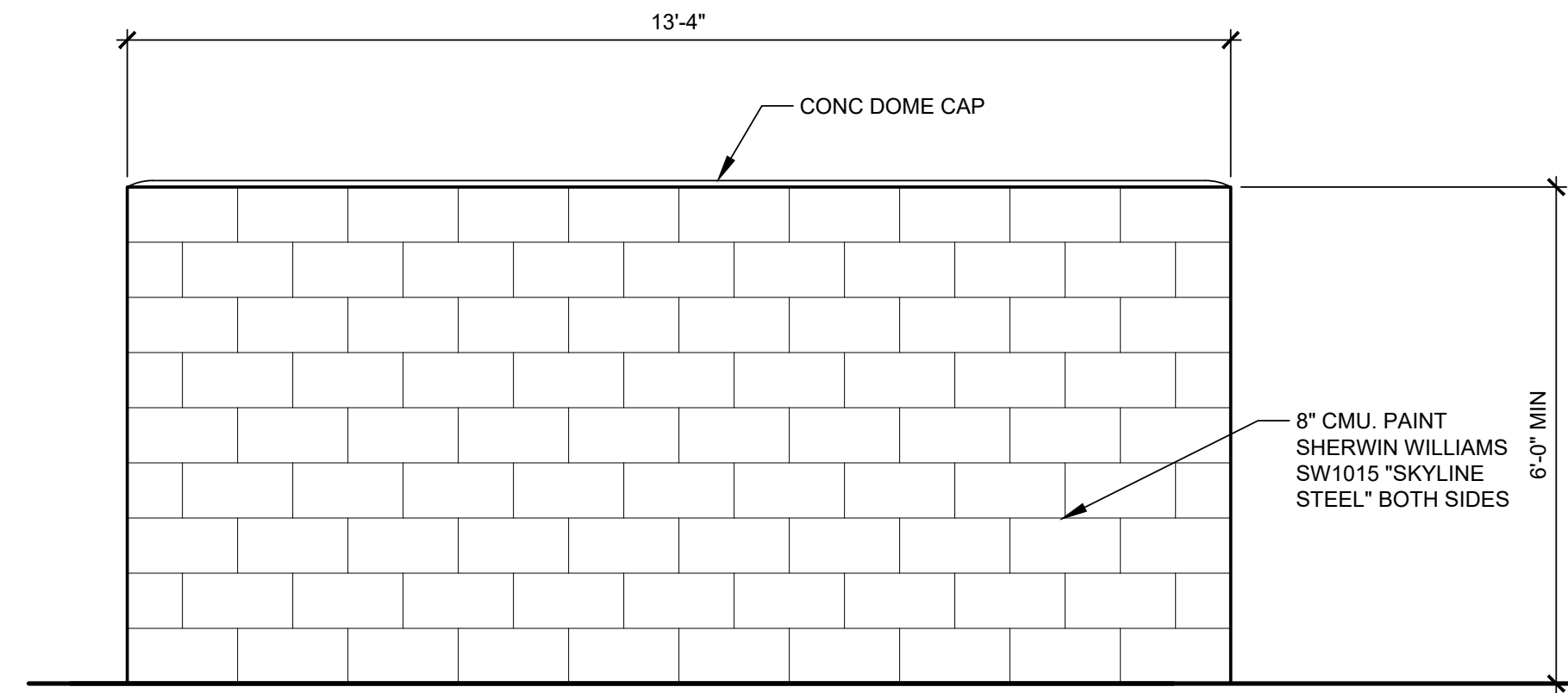
2 EXTERIOR ELEVATION - WEST
SCALE: 3/8" = 1'-0"



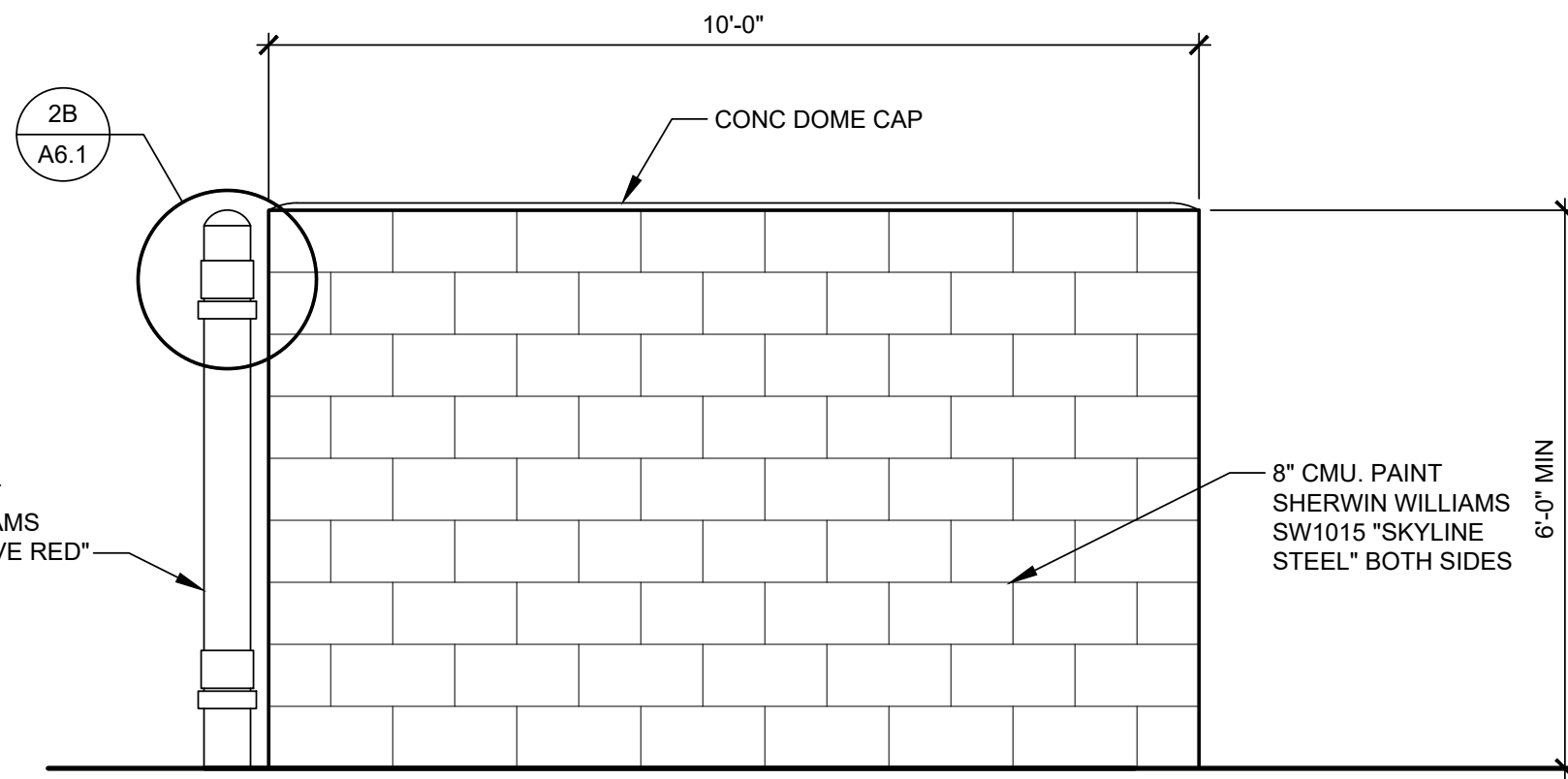
1 EXTERIOR ELEVATION - SOUTH
SCALE: 3/8" = 1'-0"

#	BY	DATE	SOURCE

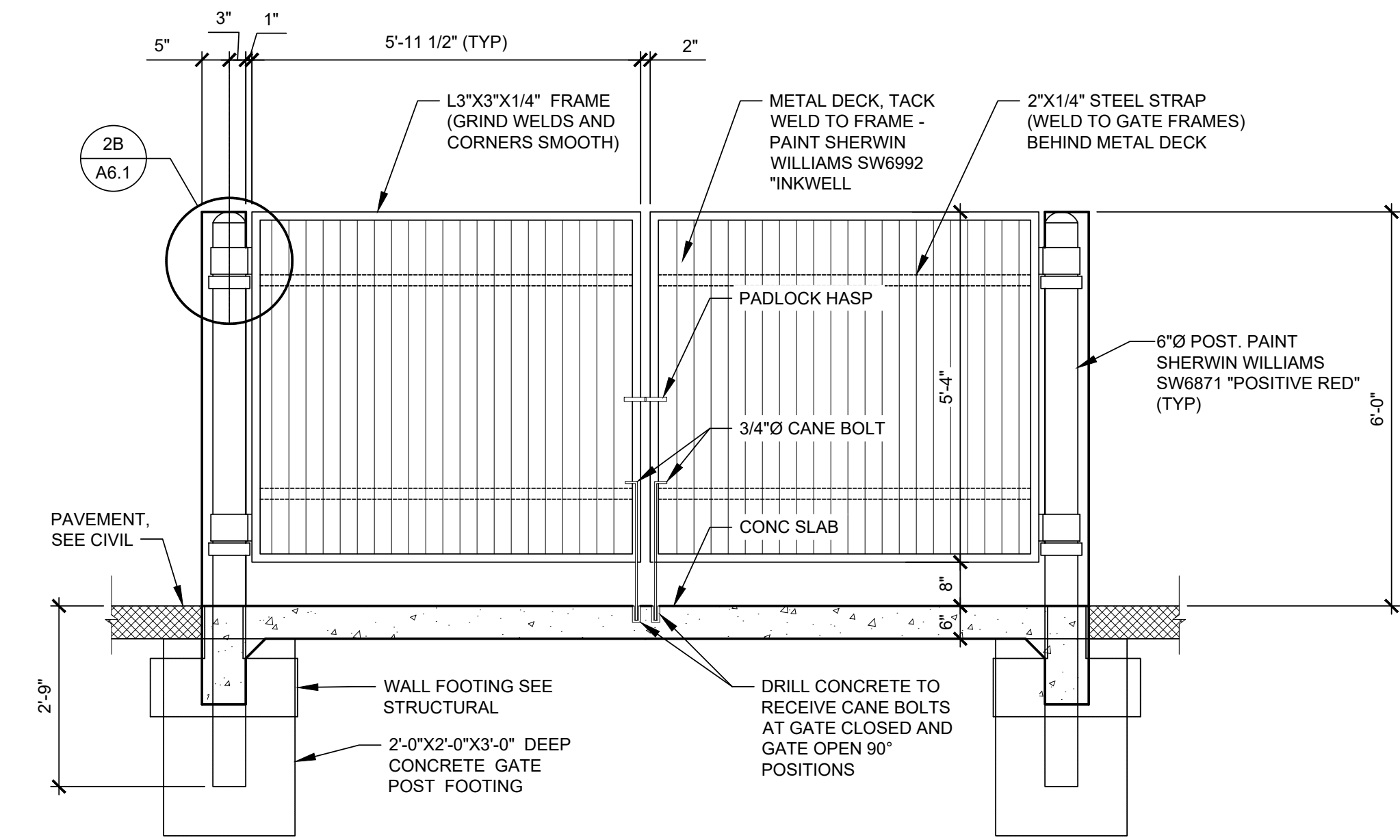
DATE: 03.29.21
DESIGNED BY: KAW
DRAWN BY: JDE
APPROVED BY: KAW



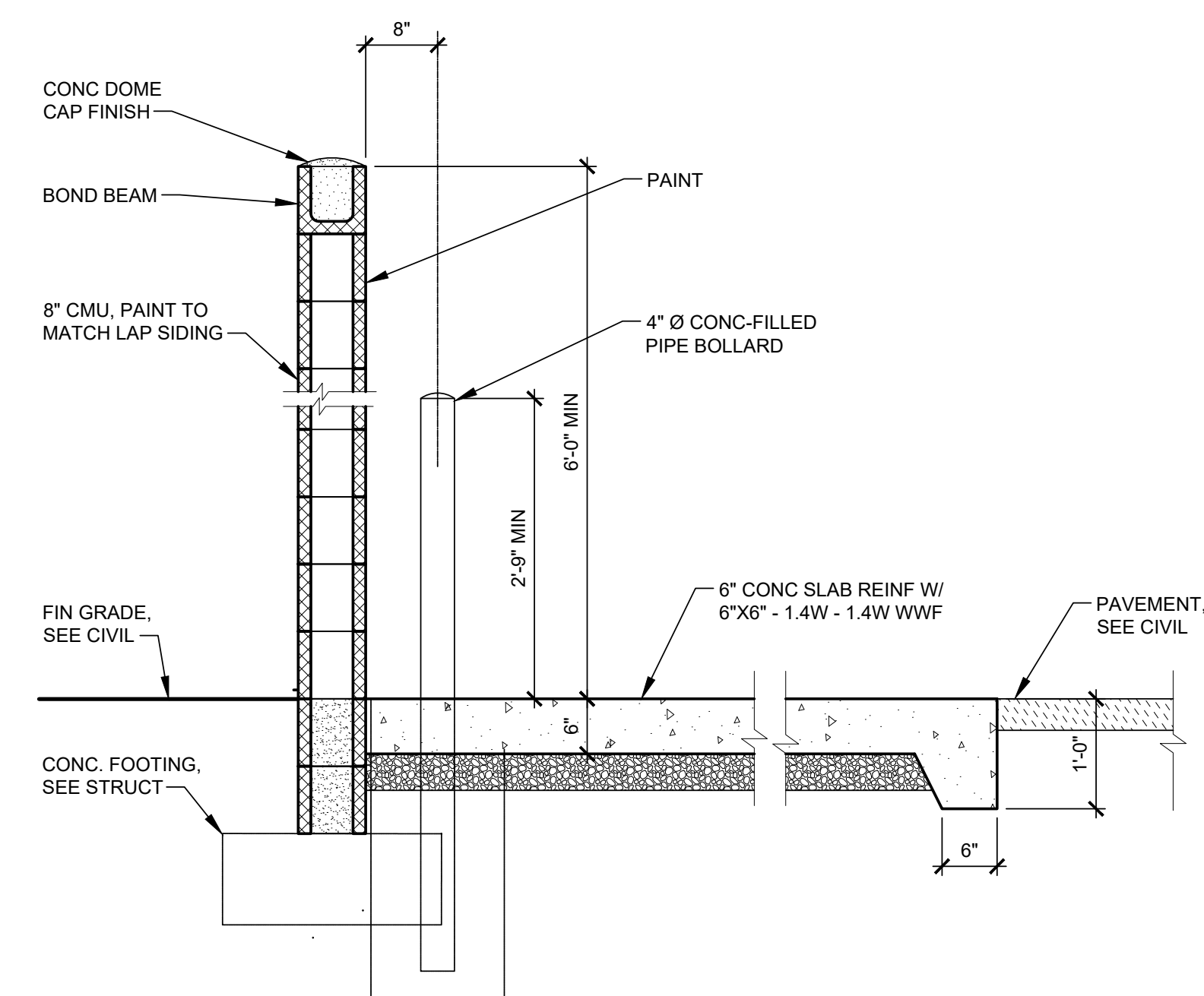
7 BACK ELEVATION
SCALE: 1/2" = 1'-0"



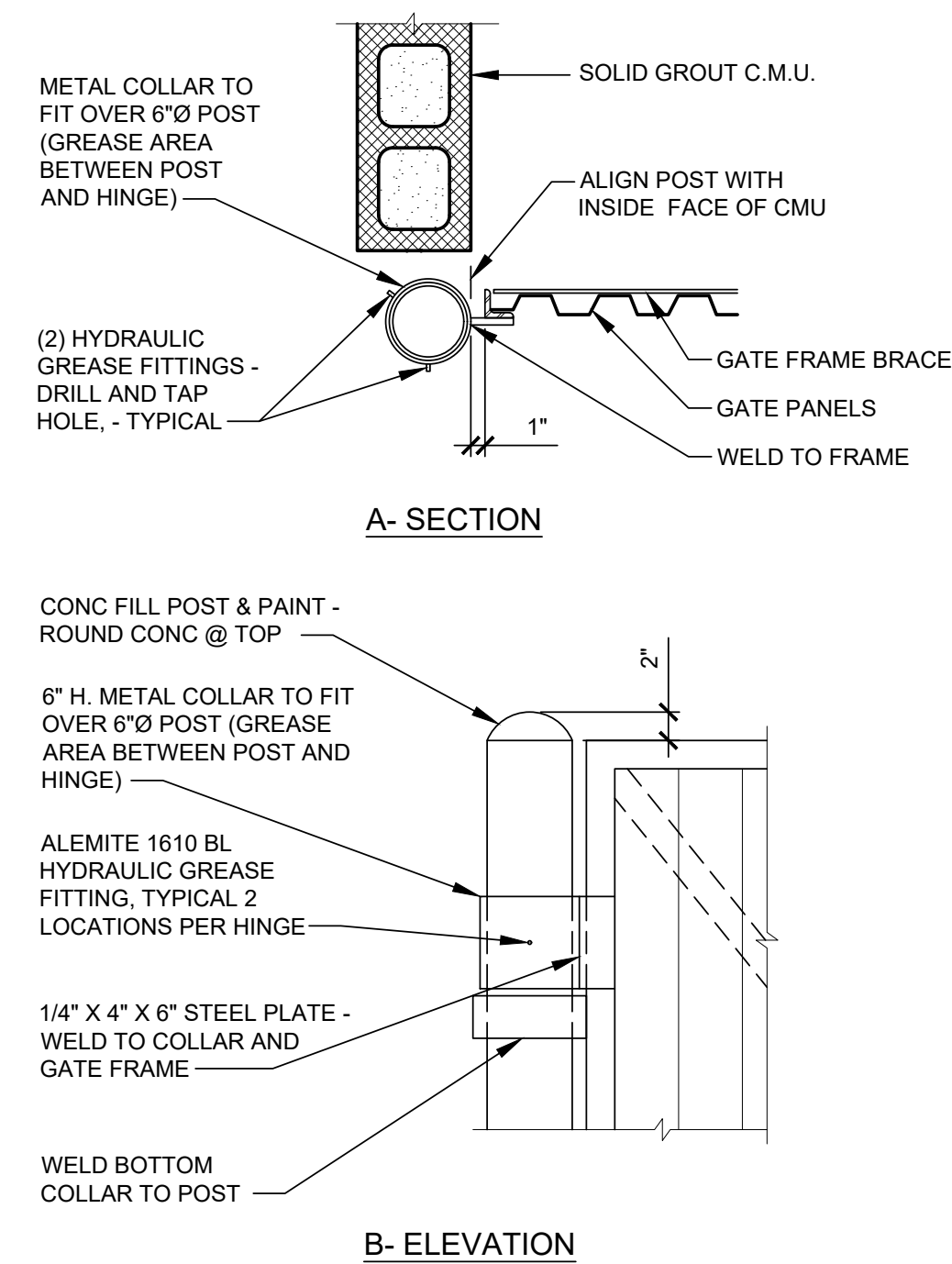
6 SIDE ELEVATION
SCALE: 1/2" = 1'-0"



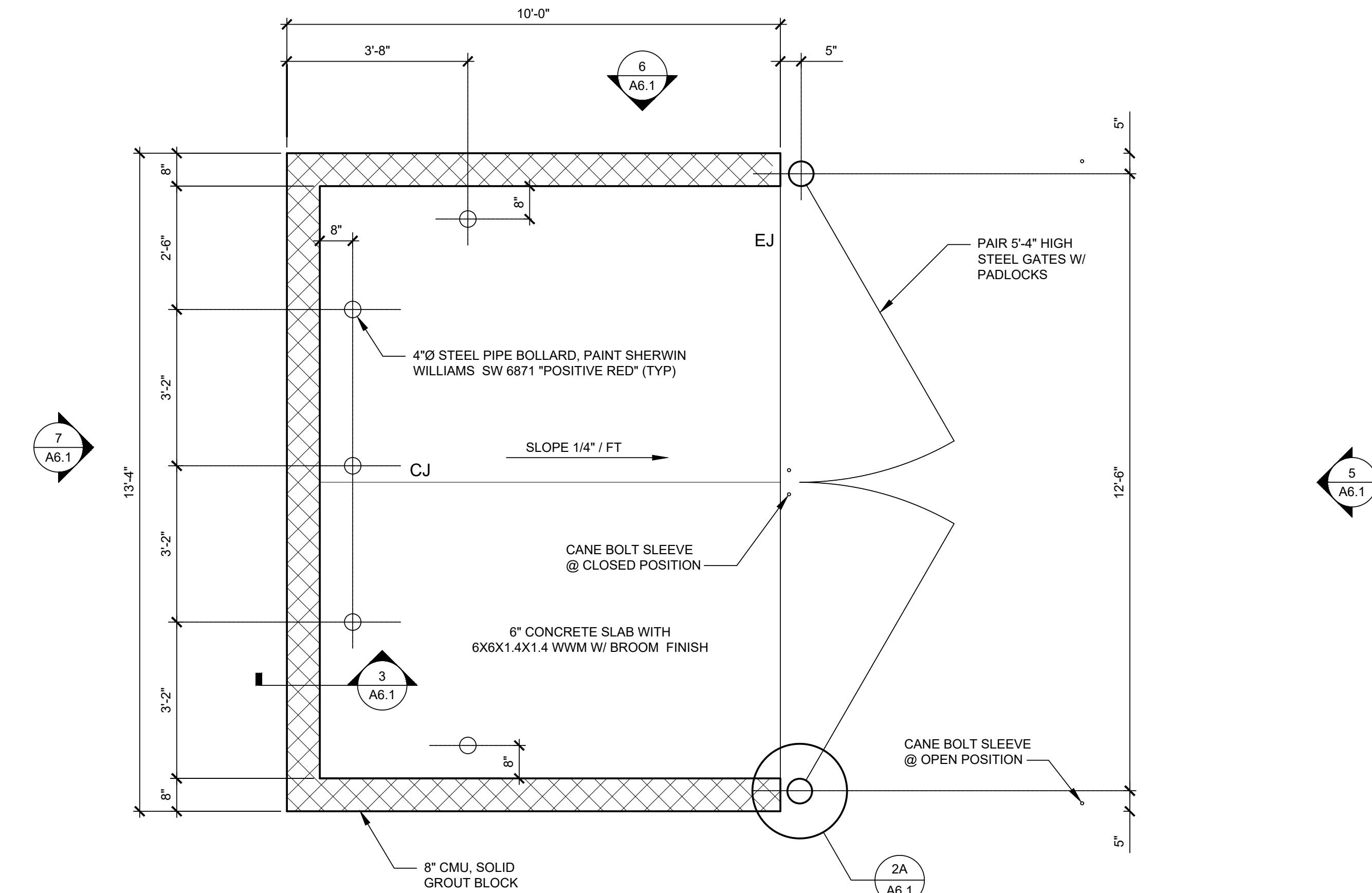
5 FRONT ELEVATION
SCALE: 1/2" = 1'-0"



3 SECTION
SCALE: 3/4" = 1'-0"



2 HINGE DETAIL
SCALE: N.T.S.



1 TRASH ENCLOSURE PLAN
SCALE: 1/2" = 1'-0"

#	BY	DATE	SOURCE

DATE: 03.29.21
DESIGNED BY: KAW
DRAWN BY: JDE
APPROVED BY: KAW

COST LESS LIGHTING

06-LEDWPCA12W 12 Watt Adjustable Full Cutoff LED Area Light

APPLICATIONS

The LEDWPCA12W is a contemporary, commercial-grade area luminaire. It features a heavy-duty, spring-loaded hinge, which provides the flexibility of focusing light near the mounting surface or projecting light forward. With a die cast aluminum housing and a polycarbonate lens, the LEDWPCA12W series will stand up to many years of punishing environmental conditions. High-efficiency, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID area lights.

FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperature.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumens output (L70).**
- Delivers 1,211 lumens & 101 lumens per watt (LPW) at 3000k; 1,285 lumens & 107 LPW at 4000k; and 1,321 lumens & 110 LPW at 5000k.*
- Heavy-duty, spring-loaded hinge provides the flexibility of focusing light near the mounting surface or projecting light forward.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Waterlight, compression-type electrical connectors prevent moisture intrusion.
- Power factor > 0.90.
- Total harmonic distortion < 20%
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Durable, UV-resistant polycarbonate lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells.
- Easy installation in new construction or retrofit.

*Contact factory for other color temperatures and lumen packages.
**L70 hours are IES TM-21-11 calculated hours.

STANDARD



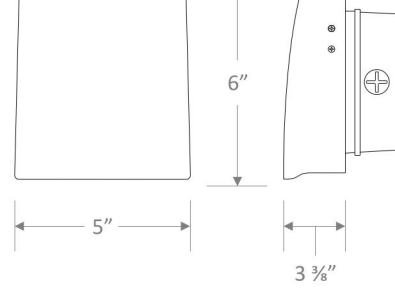
VERTICAL ADJUSTABILITY

- Heavy-duty, spring-loaded hinge provides vertical adjustability of the luminaire housing up to 65°
- Adjustability provides for a range of lighting effects from full-cutoff downlight to forward throw.
- Knurled notches securely retain rotated position even in demanding environments.

WARRANTY/LISTING

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (1kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS



PRODUCT PARAMETER

MODEL	COLOR TEMPERATURE	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS PER WATT
06-LEDWPCA12W-3K	3000K	1,211	12	101
06-LEDWPCA12W-4K	4000K	1,285	12	107
06-LEDWPCA12W-5K	5000K	1,321	12	110

Cost Less Lighting • p. 866.633.6883 • f. 866.699.8099 • www.costlesslighting.com

COST LESS LIGHTING

06-LEDWPCA30W/50W 30 & 50 Watt Adjustable Full Cutoff LED Area Light

APPLICATIONS

The LEDWPCA30W/50W is a contemporary, commercial-grade area luminaire. It features a heavy-duty, spring-loaded hinge, which provides the flexibility of focusing light near the mounting surface or projecting light forward. With a die cast aluminum housing and a polycarbonate lens, the LEDWPCA30W/50W series will stand up to many years of punishing environmental conditions. High-efficiency, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID area lights.

FEATURES

- Available in 3000k (warm white), 4000k (neutral white) and 5000k (cool white) color temperature.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumens output (L70).**
- LEDWPCA30W delivers 3,099 lumens & 111 lumens per watt (LPW) at 3000k; 3,239 lumens & 116 LPW at 4000k; and 3,298 lumens & 118 LPW at 5000k.*
- LEDWPCA50W delivers 4,920 lumens & 106 LPW at 3000k; 5,193 lumens & 106 LPW at 4000k; and 5,287 lumens & 108 LPW at 5000k.*
- Heavy-duty, spring-loaded hinge provides the flexibility of focusing light near the mounting surface or projecting light forward.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Waterlight, compression-type electrical connectors prevent moisture intrusion.
- Power factor > 0.90.
- Total harmonic distortion < 20%
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Durable, UV-resistant polycarbonate lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit, or for button photocells.
- Easy installation in new construction or retrofit.

*Contact factory for other color temperatures and lumen packages.
**L70 hours are IES TM-21-11 calculated hours.

STANDARD



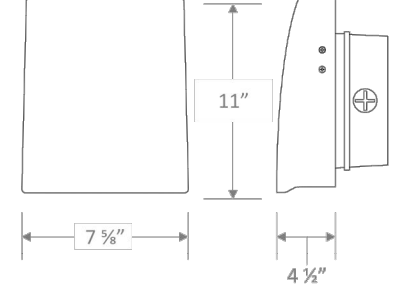
VERTICAL ADJUSTABILITY

- Heavy-duty, spring-loaded hinge provides vertical adjustability of the luminaire housing up to 65°
- Adjustability provides for a range of lighting effects from full-cutoff downlight to forward throw.
- Knurled notches securely retain rotated position even in demanding environments.

WARRANTY/LISTING

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- Complies with FCC Part 15 class B.
- Complies with EN61000-4-5, surge immunity (1kV).
- 5-year warranty of all electronics and housing.

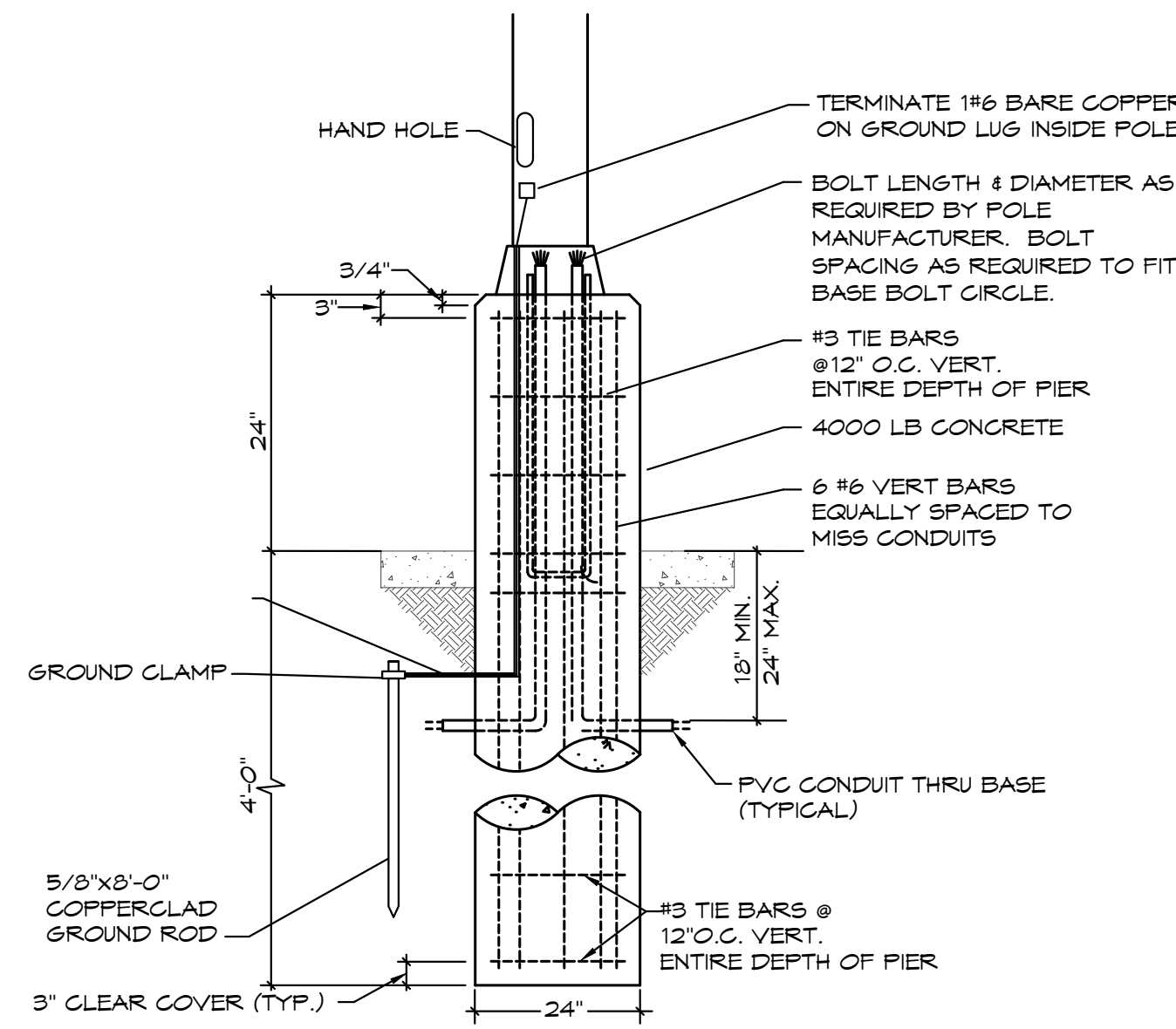
DIMENSIONS



PRODUCT PARAMETER

MODEL	COLOR TEMPERATURE	LUMINAIRE LUMENS	LUMINAIRE WATTS	LUMENS PER WATT
06-LEDWPCA30W-3K	3000K	3,099	30	111
06-LEDWPCA30W-4K	4000K	3,239	30	116
06-LEDWPCA30W-5K	5000K	3,298	30	118
06-LEDWPCA50W-3K	3000K	4,920	50	106
06-LEDWPCA50W-4K	4000K	5,193	50	106
06-LEDWPCA50W-5K	5000K	5,287	50	108

Cost Less Lighting • p. 866.633.6883 • f. 866.699.8099 • www.costlesslighting.com



POLE FOUNDATION DETAIL
SCALE: NONE

STATISTICS

Description	Avg	Max	Min	Max/Min	Avg/Min
Paved/Parking/Drive Thru	2.2	7.6	0.6	12.7/1	3.7/1

ALL EXTERIOR LIGHTING SHALL BE DOWNCAST WITH FULL CUTOFF AND DIRECTIONAL LIGHTING CHARACTERISTICS TO PREVENT GLARE ON ADJACENT STREETS AND PROPERTIES.

Project	Catalog #	Type
Prepared by	Notes	Date



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Typical Applications
Outdoor • Parking Lots • Walkways • Roadways • Building Areas

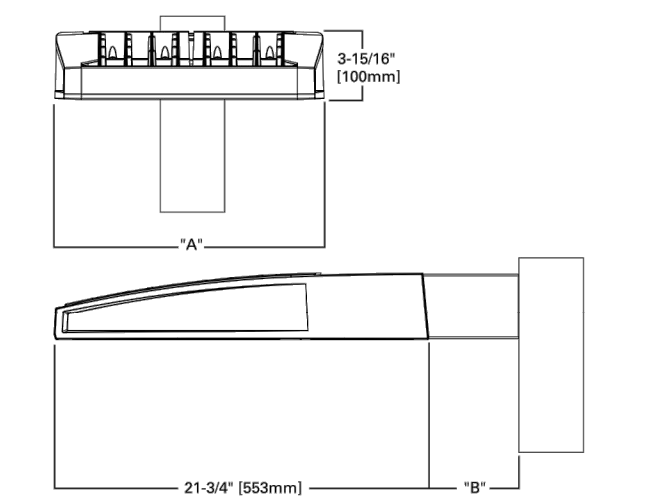
Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 5

Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt

Dimensional Details

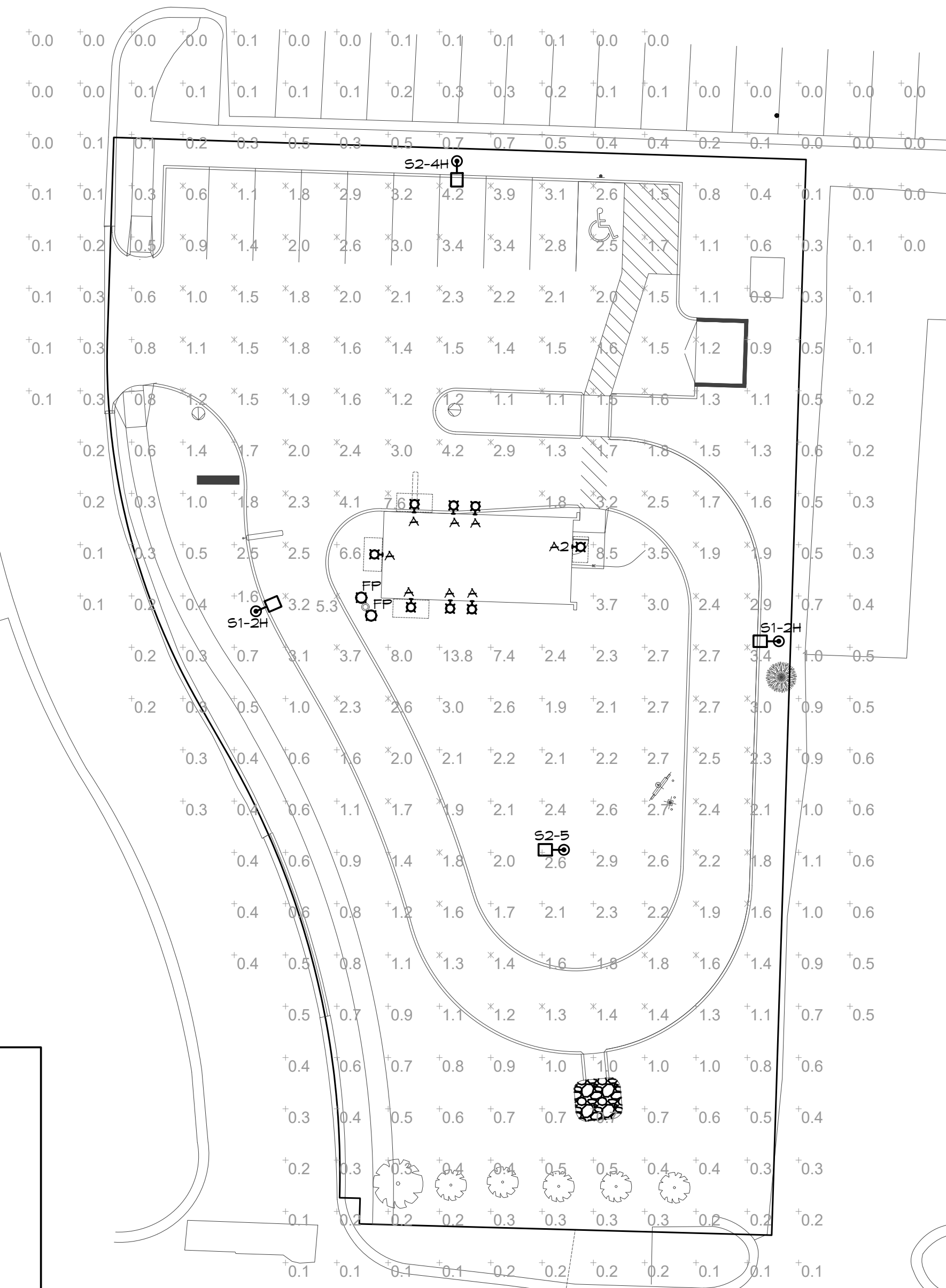


Number of Light Squares	1/2\"/>				
1-4	15-1/2'	7'	10'	10-5/8'	16-9/16'
5-6	21-5/8'	7'	10'	10-5/8'	16-9/16'
7-8	27-5/8'	7'	13'	10-5/8'	-
9-10	33-3/4'	7'	16'	-	-

NOTES:
For all selection requirements and additional details, see Mounting Details section.



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October 30, 2020 11:03 AM



SITE PHOTOMETRIC PLAN
SCALE: 1"=20'

LIGHT FIXTURE SCHEDULE

MARK NO.	MANUFACTURER # CATALOG NUMBER	VOLTS WATTS	LIGHT SOURCE	DESCRIPTION
A	COST LESS LIGHTING 06-LEDWPCA12W-3K	120 12	LED-3000K 1250 LUMS	EXTERIOR RATED LED WALL PACK MOUNTED AT 4'-6" (UNDER CANOPY). VERIFY FINISH WITH OWNER/ARCHITECT. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
A2	COST LESS LIGHTING 06-LEDWPCA30W-3K	120 30	LED-3000K 3200 LUMS	EXTERIOR RATED LED WALL PACK MOUNTED AT 4'-6" (UNDER CANOPY). VERIFY FINISH WITH OWNER/ARCHITECT. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
FP	RAB LIGHTING HSLD-26-N-A	120 26	LED-4000K	FLAG POLE FIXTURE TO BE INSTALLED 1'-0" TO 3'-0" FROM THE POLE AND AIMED AT THE TOP OF THE POLE. TWO FIXTURE PROVIDED 180° FROM EACH OTHER ON OPPOSITE SIDES OF THE POLE.
S1-2H	COOPER GLEON-SA1D-140-U-SL2-XX-H55 IV 555-4A20-S-Y-1	120 67	LED-4000K 7980 LUMS	FLAT LENS LED POLE LIGHT, TYPE 2 DISTRIBUTION, 4000K, MOUNT ON 20' SQUARE STEEL POLE. SEE CONCRETE BASE DETAIL. FINISH TO MATCH DEVELOPMENT STANDARD. HOUSE SIDE SHIELD.
S2-4H	COOPER GLEON-SA2D-140-U-SL4-XX-H55 IV 555-4A20-S-Y-1	120 128	LED-4000K 15,095 LUMS	FLAT LENS LED POLE LIGHT, TYPE 4 DISTRIBUTION, 4000K, MOUNT ON 20' SQUARE STEEL POLE. SEE CONCRETE BASE DETAIL. FINISH TO MATCH DEVELOPMENT STANDARD. HOUSE SIDE SHIELD.
S2-5	COOPER GLEON-SA2D-140-U-S1N2-XX IV 555-4A20-S-Y-1	120 124	LED-4000K 16,123 LUMS	FLAT LENS LED POLE LIGHTS, TYPE 5 NIDE DISTRIBUTION, 4000K, MOUNT ON 20' SQUARE STEEL POLE. SEE CONCRETE BASE DETAIL. FINISH TO MATCH DEVELOPMENT STANDARD.

NATIONAL LIGHTING SUPPLIER - FACTORY SOLUTIONS GROUP, MIA FERGUSON - MIA.FERGUSON@FDGI.COM - 214-351-6266

BC PROJECT #: 21210
MISSOURI PE COA #2009003629

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5720 Reeder Shawnee, Ks. 66203 (913)282-1772

Scooter's Coffee Drive-Thru
707 NE Rice Rd
Lee's Summit, MO

Loving Cup, LLC
dba Scooter's Coffee
200 NE Woods Chapel Rd
Lee's Summit, MO 64064

REVISIONS

#	BY	DATE	SOURCE

DATE: 04.02.21

DESIGNED BY: PH

DRAWN BY: PH

APPROVED BY: BH

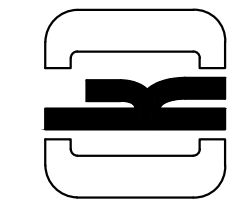
SHEET NUMBER

PH-100

JOB NUMBER

5639-21

WARMAN ARCHITECTURE+DESIGN
1735 SWIFT AVE.
NORTH KANSAS CITY, MISSOURI 64116
V. 816.474.2233 F. 816.474.1051



4/2/2021



SITE PHOTOMETRIC PLAN

Missouri State Certificate of Authority #ARC 000745