## LEGEND

**2 CONCRETE PAVEMENT (ALL PARKING & DRIVES)**
- 6" KCMMB 4K Concrete
- 4" Compacted Aggregate Base

**11 SIDEWALK PAVEMENT (IN WARD ROAD R.O.W.)**
- 6" KCMMB 4K Concrete
- 4" Compacted Aggregate Base
- 9" Compacted Subgrade

**1 ASPHALT PAVEMENT (VEHICLE PARKING AREAS & DRIVES)**
- 2" KCMMB AC Surface Course
- 3.5" KCMMB AC Base Course
- 6" Compacted Aggregate Base
- Geogrid or 6" Chemical Stabilized Subgrade

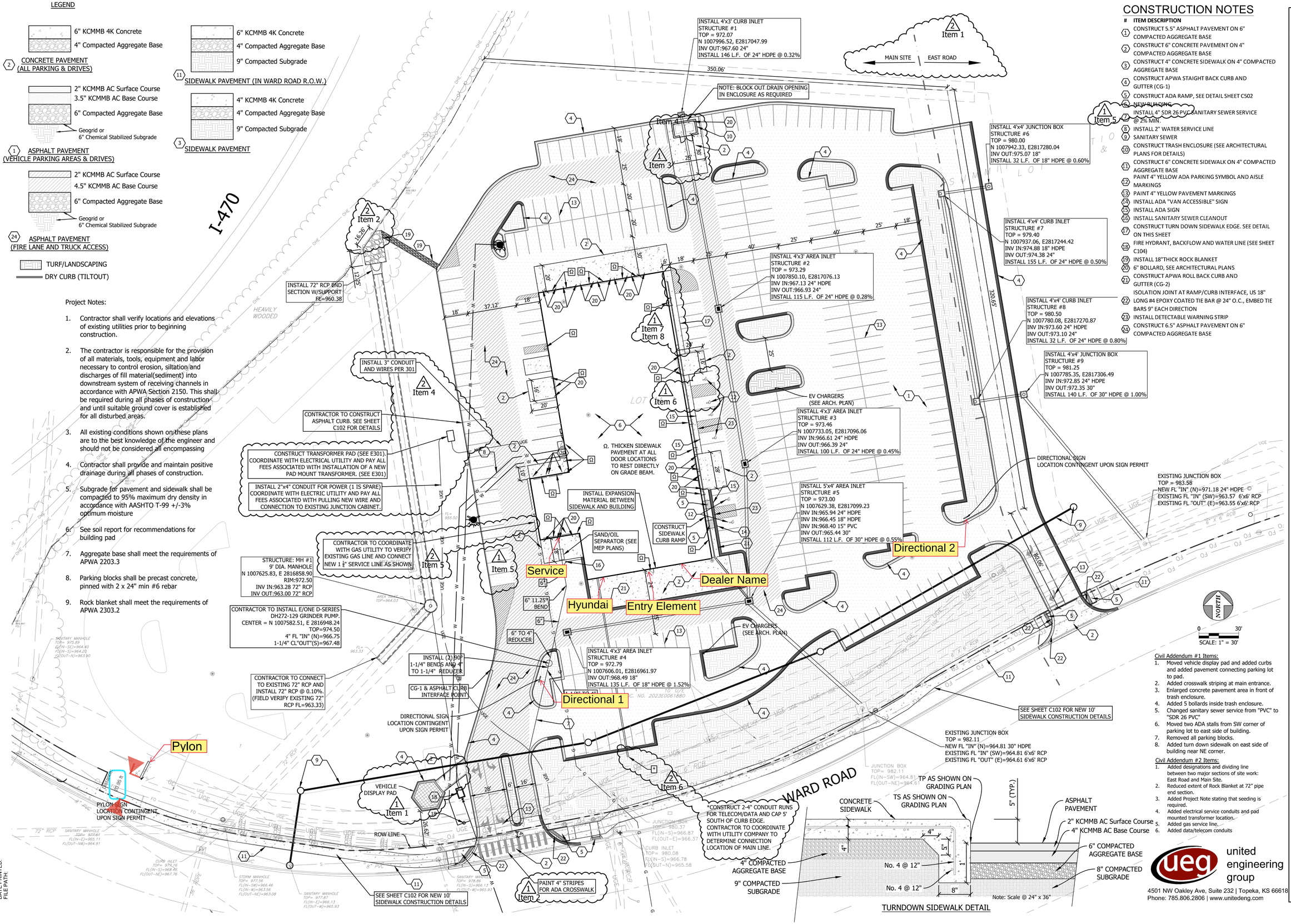
**3 SIDEWALK PAVEMENT**
- 4" KCMMB 4K Concrete
- 4" Compacted Aggregate Base
- 9" Compacted Subgrade

**24 ASPHALT PAVEMENT (FIRE LANE AND TRUCK ACCESS)**
- 2" KCMMB AC Surface Course
- 4.5" KCMMB AC Base Course
- 6" Compacted Aggregate Base
- Geogrid or 6" Chemical Stabilized Subgrade

- TURF/LANDSCAPING
- DRY CURB (TILTOUT)

Project Notes:

1. Contractor shall verify locations and elevations of existing utilities prior to beginning construction.
2. The contractor is responsible for the provision of all materials, tools, equipment and labor necessary to control erosion, siltation and discharges of fill material(sediment) into downstream system of receiving channels in accordance with APWA Section 2150. This shall be required during all phases of construction and until suitable ground cover is established for all disturbed areas.
3. All existing conditions shown on these plans are to the best knowledge of the engineer and should not be considered all encompassing
4. Contractor shall provide and maintain positive drainage during all phases of construction.
5. Subgrade for pavement and sidewalk shall be compacted to 95% maximum dry density in accordance with AASHTO T-99 +/-3% optimum moisture
6. See soil report for recommendations for building pad
7. Aggregate base shall meet the requirements of APWA 2203.3
8. Parking blocks shall be precast concrete, pinned with 2 x 24" min #6 rebar
9. Rock blanket shall meet the requirements of APWA 2303.2







TURNDOWN SIDEWALK DETAIL

## CONSTRUCTION NOTES

| # | ITEM DESCRIPTION |
|---|---|
| 1 | CONSTRUCT 5.5" ASPHALT PAVEMENT ON 6" COMPACTED AGGREGATE BASE |
| 2 | CONSTRUCT 6" CONCRETE PAVEMENT ON 4" COMPACTED AGGREGATE BASE |
| 3 | CONSTRUCT 4" CONCRETE SIDEWALK ON 4" COMPACTED AGGREGATE BASE |
| 4 | CONSTRUCT APWA STAIGHT BACK CURB AND GUTTER (CG-1) |
| 5 | CONSTRUCT ADA RAMP, SEE DETAIL SHEET C502 |
| 6 | NEW BUILDING |
| 7 | INSTALL 4" SDR 26 PVC SANITARY SEWER SERVICE @ 2% MIN. |
| 8 | INSTALL 2" WATER SERVICE LINE |
| 9 | SANITARY SEWER |
| 10 | CONSTRUCT TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS) |
| 11 | CONSTRUCT 6" CONCRETE SIDEWALK ON 4" COMPACTED AGGREGATE BASE |
| 12 | PAINT 4" YELLOW ADA PARKING SYMBOL AND AISLE MARKINGS |
| 13 | PAINT 4" YELLOW PAVEMENT MARKINGS |
| 14 | INSTALL ADA "VAN ACCESSIBLE" SIGN |
| 15 | INSTALL ADA SIGN |
| 16 | INSTALL SANITARY SEWER CLEANOUT |
| 17 | CONSTRUCT TURN DOWN SIDEWALK EDGE. SEE DETAIL ON THIS SHEET |
| 18 | FIRE HYDRANT, BACKFLOW AND WATER LINE (SEE SHEET C104) |
| 19 | INSTALL 18"THICK ROCK BLANKET |
| 20 | 6" BOLLARD, SEE ARCHITECTURAL PLANS |
| 21 | CONSTRUCT APWA ROLL BACK CURB AND GUTTER (CG-2) |
| 22 | ISOLATION JOINT AT RAMP/CURB INTERFACE, US 18" LONG #4 EPOXY COATED TIE BAR @ 24" O.C., EMBED TIE BARS 9" EACH DIRECTION |
| 23 | INSTALL DETECTABLE WARNING STRIP |
| 24 | CONSTRUCT 6.5" ASPHALT PAVEMENT ON 6" COMPACTED AGGREGATE BASE |

Civil Addendum #1 Items:
1. Moved vehicle display pad and added curbs and added pavement connecting parking lot to pad.
2. Added crosswalk striping at main entrance.
3. Enlarged concrete pavement area in front of trash enclosure.
4. Added 5 bollards inside trash enclosure.
5. Changed sanitary sewer service from "PVC" to "SDR 26 PVC"
6. Moved two ADA stalls from SW corner of parking lot to east side of building.
7. Removed all parking blocks.
8. Added turn down sidewalk on east side of building near NE corner.

Civil Addendum #2 Items:
1. Added designations and dividing line between two major sections of site work: East Road and Main Site.
2. Reduced extent of Rock Blanket at 72" pipe end section.
3. Added Project Note stating that seeding is required.
4. Added electrical service conduits and pad mounted transformer location.
5. Added gas service line.
6. Added data/telecom conduits


united engineering group
4501 NW Oakley Ave, Suite 232 | Topeka, KS 66618
Phone: 785.806.2806 | www.unitedeng.com


CONSTRUCTION DOCUMENTS
DATE: 12/30/2024
2024-016

# LEE'S SUMMIT HYUNDAI PREMIER AUTO OUTLET
1231 NW WARD ROAD
LEES SUMMIT, MISSOURI 64086

DRAWINGS NOT FOR CONSTRUCTION UNLESS PROFESSIONAL STAMP, SIGNATURE & DATE IS PROVIDED

STATE OF MISSOURI — STEVEN E. LACASSE — NUMBER PE-2019041236 — PROFESSIONAL ENGINEER — 12/30/24

DRAWN BY: RCP
CHECKED BY: SEL

FALK ARCHITECTS

© 2023 Falk Architects Inc

C101
1 Civil Addendum #1 1/29/2025
2 Civil Addendum #2 2/11/2025
SITE PLAN

FALK ARCHITECTS INC

DATE PRINTED:
FILE PATH: