

Proposed Improvements

for

ALDI #63 EXPANSION

398 S. WEBER ROAD
VILLAGE OF ROMEOVILLE
WILL COUNTY, ILLINOIS

STANDARD SYMBOLS

EXISTING	PROPOSED
STORM SEWER	SANITARY SEWER
SANITARY SEWER	COMBINED SEWER
COMBINED SEWER	FORCEMAN
FORCEMAN	DRAIN TILE
DRAIN TILE	WATER MAIN
WATER MAIN	ELECTRIC
ELECTRIC	GAS
GAS	TELEPHONE
TELEPHONE	OVERHEAD WIRES
OVERHEAD WIRES	SANITARY MANHOLE
SANITARY MANHOLE	STORM MANHOLE
STORM MANHOLE	CATCH BASIN
CATCH BASIN	STORM INLET
STORM INLET	CLEANOUT
CLEANOUT	HAY BALES
HAY BALES	RIP RAP
RIP RAP	VALVE IN VAULT
VALVE IN VAULT	VALVE IN BOX
VALVE IN BOX	FIRE HYDRANT
FIRE HYDRANT	BUFFALO BOX
BUFFALO BOX	FLARED END SECTION
FLARED END SECTION	STREET LIGHT
STREET LIGHT	SUMMIT / LOW POINT
SUMMIT / LOW POINT	RIM ELEVATION
RIM ELEVATION	INVERT ELEVATION
INVERT ELEVATION	DITCH OR SWALE
DITCH OR SWALE	DIRECTION OF FLOW
DIRECTION OF FLOW	OVERFLOW RELIEF SWALE
OVERFLOW RELIEF SWALE	1 FOOT CONTOURS
1 FOOT CONTOURS	CURB AND CUTTER
CURB AND CUTTER	DEPRESSED CURB AND GUTTER
DEPRESSED CURB AND GUTTER	REVERSE CURB AND GUTTER
REVERSE CURB AND GUTTER	SIDEWALK
SIDEWALK	DETECTABLE WARNINGS
DETECTABLE WARNINGS	PROPERTY LINE
PROPERTY LINE	EASEMENT LINE
EASEMENT LINE	SETBACK LINE
SETBACK LINE	MAIL BOX
MAIL BOX	SIGN
SIGN	TRAFFIC SIGNAL
TRAFFIC SIGNAL	POWER POLE
POWER POLE	GUY WIRE
GUY WIRE	GAS VALVE
GAS VALVE	HANDLE
HANDLE	ELECTRICAL EQUIPMENT
ELECTRICAL EQUIPMENT	TELEPHONE EQUIPMENT
TELEPHONE EQUIPMENT	CHAIN-LINK FENCE
CHAIN-LINK FENCE	SPOT ELEVATION
SPOT ELEVATION	BRUSH/TREE LINE
BRUSH/TREE LINE	DECIDUOUS TREE WITH TRUNK DIA. IN INCHES (TBR)
DECIDUOUS TREE WITH TRUNK DIA. IN INCHES (TBR)	CONIFEROUS TREE WITH HEIGHT IN FEET (TBR)
CONIFEROUS TREE WITH HEIGHT IN FEET (TBR)	SILT FENCE
SILT FENCE	RETAINING WALL
RETAINING WALL	WETLAND

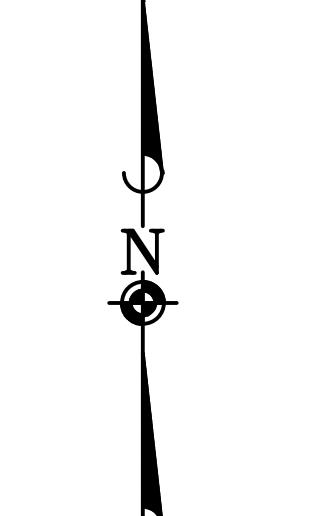
ABBREVIATIONS

ADJ.	ADJUST
AGG.	AGGREGATE
ARCH.	ARCHITECT
B.A.M.	BITUMINOUS AGGREGATE MIXTURE
B-B	BACK TO BACK
B/C	BACK OF CURB
B/P	BOTTOM OF PIPE
B/W	BACK OF WALK
B/BOX	BURGAL BOX
BIT.	BITUMINOUS
BM.	BENCHMARK
B.O.	BY OTHERS
C.E.	COMMERCIAL ENTRANCE
CB	CAT. C BIN
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CTRL	CONTROL
CYC.	CLEANOUT
CY.	COOTIE
D.	CUBIC YARD
DIA.	DITCH
DIA.	DIAMETER
DIP.	DUCTILE IRON PIPE
DOWN	DUCTILE IRON WATER MAIN
DOWNSPOUT	DOWNSPOUT
DT	DRAIN TILE
E.	ELECTRIC
E-E	EDGE TO EDGE
ELEV.	ELEVATION
EDG. OF PAVEMENT	EDG. OF PAVEMENT
EX.	EXISTING
F-E	FIELD ENTRANCE
F-F	FACE TO FACE
F.F.	FINISHED FLOOR
FES	FLARED END SECTION
F/L	FLOW LINE
F.M.	FACE MAIN
G.	GROUND
GAS	GAS
G/F	GRADE AT FOUNDATION
GW	GUY WIRE
HDWL	HEADWALL
H.H.	HOLE
HWL	HIGH WATER LEVEL
HYD.	HYDRANT
INL.	INLET
INVERT.	INVERT
IP	IRON PIPE
LT	LEFT
MAX.	MAXIMUM
MB	MAILBOX
M/E	MEET EXISTING
MH	MH
MIN.	MINIMUM
NWL	NORMAL WATER LEVEL
P.E.	PRIVATE ENTRANCE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PSL	POINT OF GREAT LINE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PROP.	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
P.	PAVEMENT
P.U.D.E.	PUBLIC UTILITY & DRAINAGE EASEMENT
R.	RADIUS
R.O.W.	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
REM	REMOVAL
REV	REVERSE
RR	RAILROAD
RTT	RIGHT
SAN	SANITARY
SF	SQUARE FOOT
SHLD.	SHOULDER
SL	STREET LIGHT
SHH	SANITARY MANHOLE
ST	STORM
STA.	STATION
STD	STANDARD
SW	SIDEWALK
SY	SQUARE YARDS
TBR	TO BE REMOVED
T.	TELEPHONE
T-A	TYPE A
T/C	TOP OF CURB
T/F	TOP OF FOUNDATION
T/P	TOP OF PIPE
T/W	TOP OF WALL
T/WALL	TOP OF WALL
TEMP	TEMPORARY
TRANS	TRANSFORMER
V.B.	VALVE BOX
VCP	VITRIFIED CLAY PIPE
V.V.	VOLUME
HL	WATER LEVEL
VM	WATER MAIN

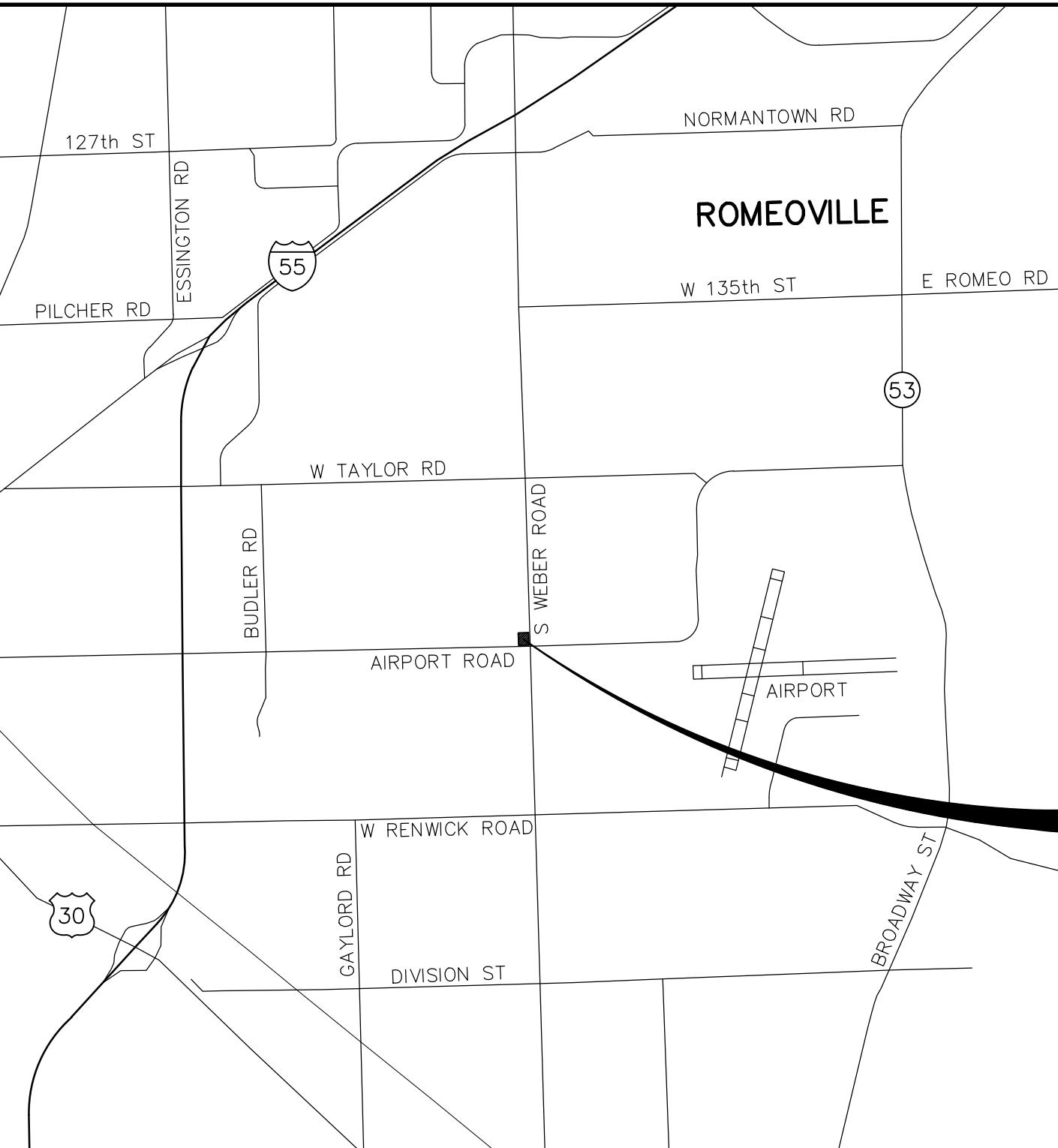
ALDI, INC.
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DWIGHT, ILLINOIS, 60420
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PROJECT LOCATION



LOCATION MAP

N.T.S.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ALTA-ASCM SURVEY BY OTHERS
3	EXISTING CONDITIONS AND DEMOLITION PLAN
4	SITE DIMENSIONAL AND PAVING PLAN
5	GRADING AND UTILITY PLAN
6	LANDSCAPE PLAN
7	LANDSCAPE DETAILS
8	CONSTRUCTION DETAILS
9	GENERAL CONDITIONS AND STANDARD SPECIFICATIONS

DETENTION SUMMARY:

DETENTION IS PROVIDED BY AN OFFSITE DETENTION FACILITY TO THE WEST OF THE PROPERTY. THIS DETENTION FACILITY WAS DESIGNED BY JACOB AND HEFNER ASSOCIATES TO HAVE SUFFICIENT STORAGE CAPACITY FOR THE PROPOSED SITE AND OTHER SITES IN THE DEVELOPMENT. A CN of 94 is USED IN THE DETENTION CALCULATIONS FOR THE ENTIRE DEVELOPMENT AND CAN BE FOUND IN THE STORMWATER REPORT UNDER APPENDIX B. THE TITLE OF THE JACOB AND HEFNER ASSOCIATES STORMWATER REPORT IS "STORMWATER MANAGEMENT FOR Pasquini's Creekside Commercial, Romeoville, Illinois," WITH A LAST REVISED DATE OF SEPTEMBER 30, 2003.

DETENTION PROVIDED AT THE H.W.L. = 8.74 AC-FT

DRAINAGE CERTIFICATION

I, DANIEL MILETIC, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE ONE HUNDRED (100) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY, AND VILLAGE ORDINANCES.

NOTES:

1. THE BOUNDARY LINES AND TOPOGRAPHY FOR THIS PROJECT ARE BASED ON A FIELD SURVEY COMPLETED BY MANHARD CONSULTING, LTD. ON SEPTEMBER 28, 2016. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY MANHARD CONSULTING AND THE CLIENT IN WRITING OF ANY DIFFERENT CONDITIONS.

BENCHMARKS:

NORTHEAST BONNET BOLT OF THE FIRST HYDRANT WEST OF WEBER ROAD ON THE NORTH SIDE OF AIRPORT ROAD.

ELEVATION=629.79

SITE BENCHMARK 1:
X-CUT ON THE SOUTHWEST BOLT OF THE FIRST FIRE HYDRANT NORTH OF AIRPORT ROAD AND WEST OF THE LOADING DOCK AREA.

ELEVATION=621.69

SITE BENCHMARK 2:
SQUARE CUT ON THE NORTH SIDE OF LIGHT POLE BASE OFF THE SOUTHEAST CORNER OF THE ALDI'S PARKING LOT 23' WEST AND 2.5' SOUTH.

ELEVATION=621.97

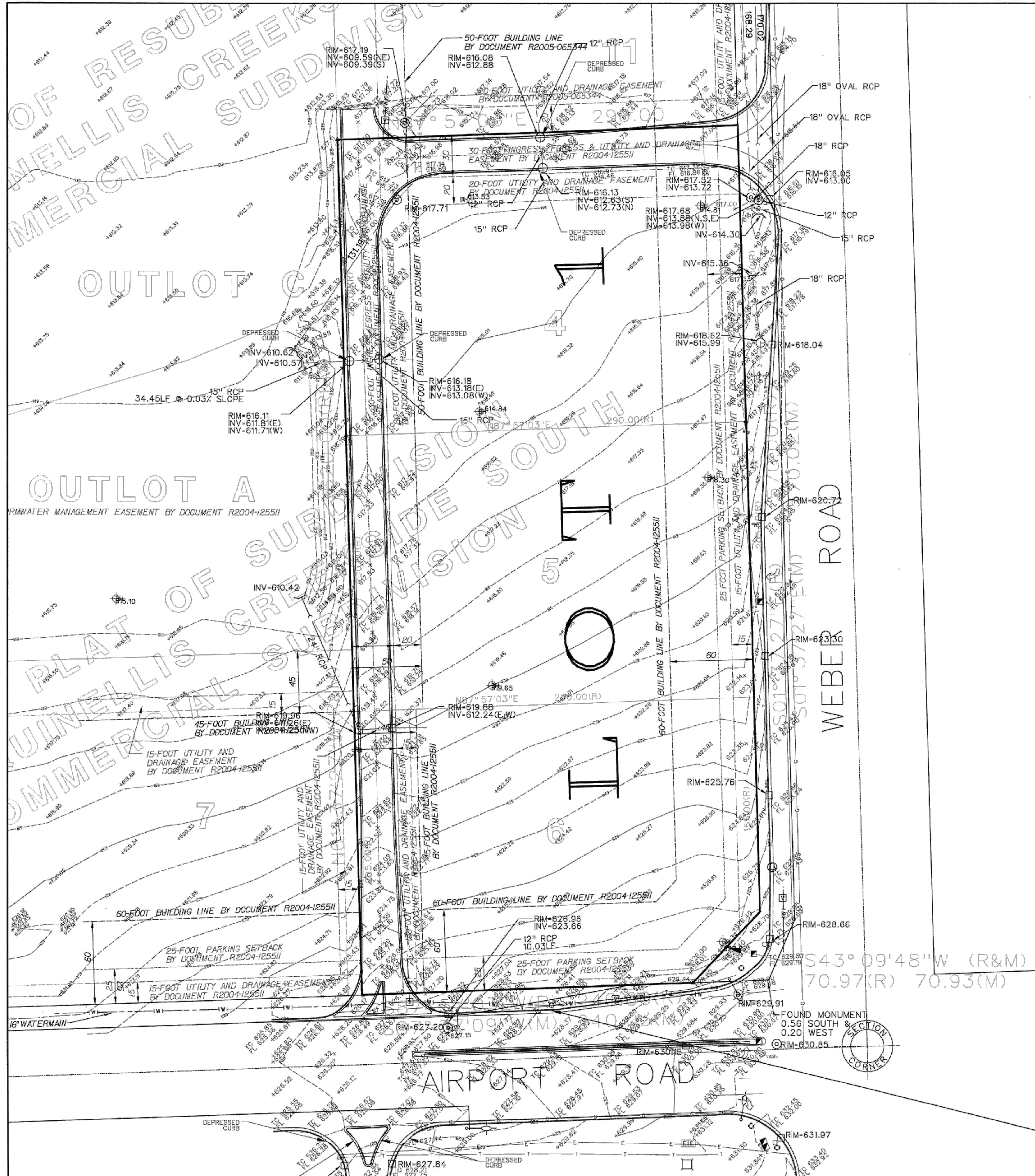
UTILITY CONTACTS

ELECTRIC	WATER
COMED	VILLAGE OF ROMEOVILLE PUBLIC WORKS
2 LINCOLN CENTER	615 ANDERSON DRIVE
OAK BROOK TERRACE, IL 60181	ROMEOVILLE, IL 60446
(800) 334-7661	(815) 886-1870
CONTACT: JONATHON ZABROCKI	CONTACT: JONATHON ZABROCKI
GAS	TELEPHONE
NICOR	AT&T
1844 FERRY ROAD	297 S. WEBER ROAD
NAPERVILLE, IL 60563	ROMEOVILLE, IL 60446
(888) 642-6748	(815) 836-6730
CONTACT: JONATHON ZABROCKI	CONTACT: JONATHON ZABROCKI
SEWER	VILLAGE OF ROMEOVILLE PUBLIC WORKS
615 ANDERSON DRIVE	615 ANDERSON DRIVE
ROMEOVILLE, IL 60446	ROMEOVILLE, IL 60446
(815) 886-1870	(815) 836-1870
CONTACT: JONATHON ZABROCKI	CONTACT: JONATHON ZABROCKI

PROPOSED ALDI #63 EXPANSION

VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

TITLE SHEET



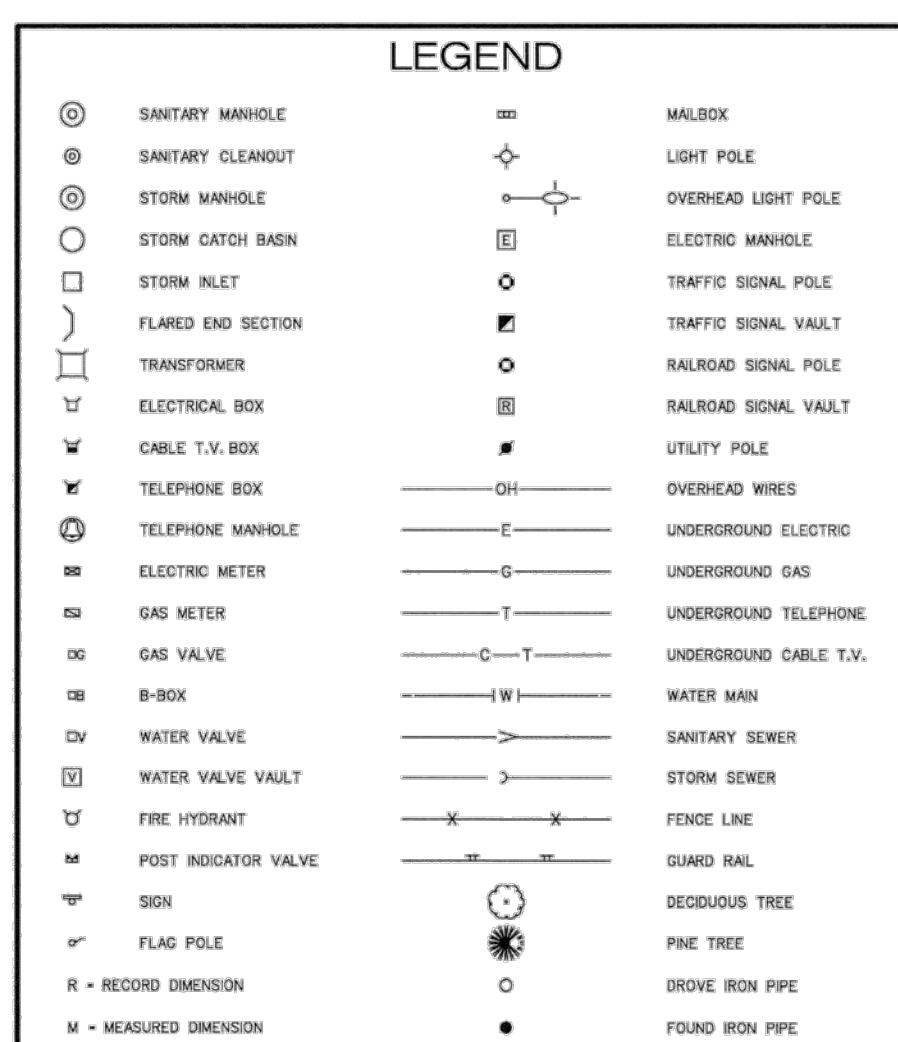
BENCHMARKS

SOURCE BENCHMARK:
WILL COUNTY BENCHMARK NO. 419
NGS 3-D MARKER WITH ALUMINUM
ACCESS COVER AT THE SOUTHEAST
CORNER OF RENWICK & GAYLORD ROADS
ELEVATION = 620.77 (NAVD 88)

SITE BENCHMARK NO. 1:
NORTHEAST BONNET BOLT OF THE FIRST
HYDRANT WEST OF WEBER ROAD ON THE
NORTH SIDE OF AIRPORT ROAD
ELEVATION = 629.79

SITE BENCHMARK NO. 2:
RAILROAD SPIKE IN POWER POLE
AT THE NORTHWEST CORNER OF
WEBER AND AIRPORT ROADS
ELEVATION = 629.86

SOURCE BENCHMARK
WILL COUNTY BENCHMARK NO. 419
NGS 3-D MARKER WITH ALUMINUM
ACCESS COVER AT THE SOUTHEAST
CORNER OF RENWICK & GAYLORD ROADS
ELEVATION = 620.77 (NAVD 88)



Some of the existing conditions shown on this plan are provided from another survey.

Rev	Date	Description	By
14	7-9-08	VILLAGE REVIEW (7-2-08)	CAH
13	6-25-08	VILLAGE REVIEW (6-3-08)	CAH
12	5-13-08	Village Review	bmb
11	3-6-08	COORDINATE W/ALDIS PLUMBING	CAH
10	5-10-07	ISSUE FOR CONSTRUCTION	BMB
9	2-20-07	VILLAGE REVIEW	CAH
8	01-29-07	Interwork Review	bmb

EXISTING CONDITIONS PLAN

LOCATION:
AIRPORT ROAD AND WEBER ROAD
ROMEOVILLE, ILLINOIS

PREPARED FOR:
THE SHINER GROUP, LLC
3100 W. DUNDEE RD.
NORTHBROOK, IL 60062

WEBSTER, MCGRATH & AHLBERG LTD.

WMA
LAND SURVEYING - CIVIL ENGINEERING - LANDSCAPE ARCHITECTURE

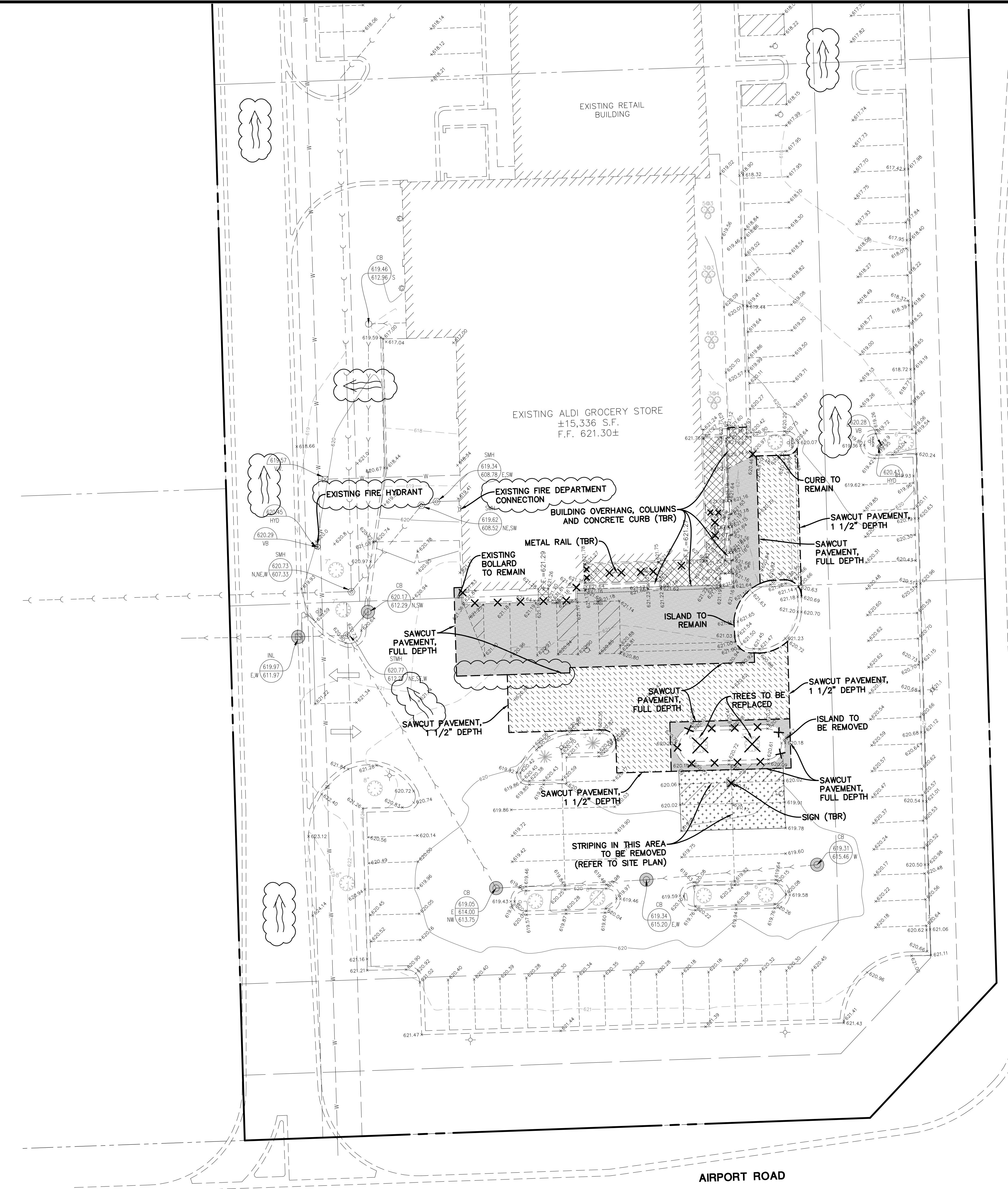
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SITE BENCHMARK NO. 1:
NORTHEAST BONNET BOLT OF THE FIRST
HYDRANT WEST OF WEBER ROAD ON THE
NORTH SIDE OF AIRPORT ROAD
ELEVATION = 629.79

PROPOSED ALDI #63 EXPANSION OF BOMEQVILLE COUNTY, WISCONSIN

PROPOSED ALDI #63 EXPANSION AGE OF ROMEOVILLE WILL COUNTY ILLINOIS



06-01-16
EXISTING CONDITIONS NOTES:

- EXISTING CONDITIONS AND DEMOLITION PLAN REPRESENT SITE CONDITIONS AS OF SEPTEMBER 28, 2016. CONTRACTOR SHALL INSPECT SITE PRIOR TO BIDDING WORK TO VERIFY ACTUAL FIELD CONDITIONS AS PORTIONS OF THE DEMOLITION WORK MAY HAVE SINCE BEEN COMPLETED. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLETE ALL DEMOLITION WORK AS PER PLANS TO PREPARE THE SITE FOR CONSTRUCTION OF PROPOSED IMPROVEMENTS.
- THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED IN PART UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

06-01-16
DEMOLITION LEGEND

- PAVEMENT TO BE MILLED, 1 1/2" DEPTH
- PAVEMENT AND BASE TO BE REMOVED
- CONCRETE AND BASE TO BE REMOVED
- STRIPING REMOVAL
- SAWCUT LINE
- BUILDING FACE, FENCE, RETAINING WALL, RAILROAD TIES, POLES, CURB AND CUTTER, ETC. TO BE REMOVED
- UTILITY STRUCTURE TO BE REMOVED
- UTILITY LINE REMOVAL, FILL OR ABANDONMENT (REFER TO SPECIFICATIONS)
- TREE TO BE REMOVED
- (TBR) TO BE REMOVED
- TEMPORARY STORM STRUCTURE INLET PROTECTION (SEE DETAIL)
- EXISTING OVERLAND FLOW ROUTE

06-01-16
SOIL PROTECTION CHART

SOIL STABILIZATION CHART												
PERMANENT SEEDINGS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	A	B	C	D	E	F	G	H	I	J	K	L
PERMANENT SEEDINGS	A	B	C	D	E	F	G	H	I	J	K	L
TEMPORARY SEEDINGS												
TEMPORARY SEEDINGS												
SODDING												
MULCHING												

A - KENTUCKY BLUEGRASS 135 LBS./AC. MIXED WITH PERENNIAL RYERGRASS 30 LBS./AC. (100% GROWN)
B - KENTUCKY BLUEGRASS 135 LBS./AC. MIXED WITH PERENNIAL RYERGRASS 45 LBS./AC. (100% GROWN)
C - SPRING OATS 30 LBS./AC. (100% GROWN)
D - SOYBEAN CEREAL RYE 30 LBS./AC. (100% GROWN)
E - SOYBEAN CEREAL RYE 30 LBS./AC. (100% GROWN)
F - STRAW MULCH 2 TONS PER ACRE
STRAW MULCH PER ACRE
* IRRIGATION NEEDED DURING SEPTEMBER AND OCTOBER
** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SODDING

06-01-16
CONSTRUCTION SEQUENCE:

- INSTALL INLET PROTECTION AT LOCATIONS AS INDICATED ON THE PLANS.
- PROVIDE STABILIZED CONSTRUCTION ENTRANCE.
- CUT AND FILL SITE TO PLAN SUB-GRADE.
- CONSTRUCT PAVEMENT IMPROVEMENTS PER PLAN.
- COMPLETE CONSTRUCTION OF SITE WITH PERMANENT STABILIZATION.
- REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

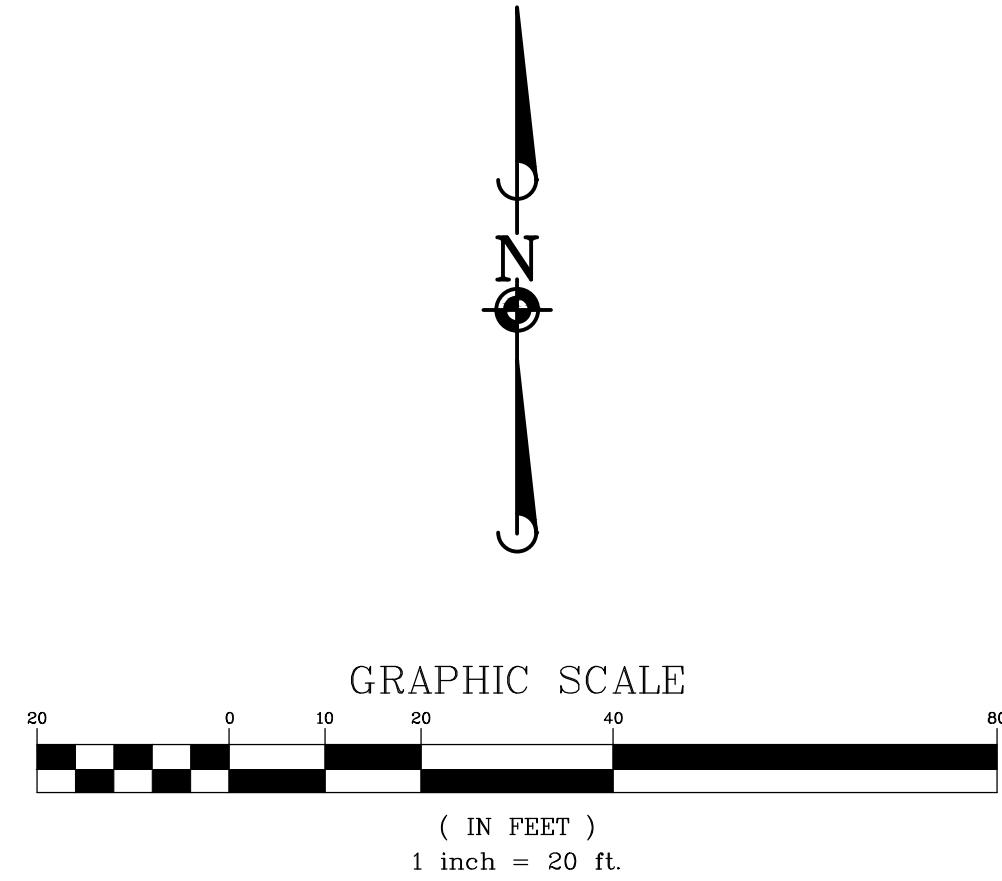
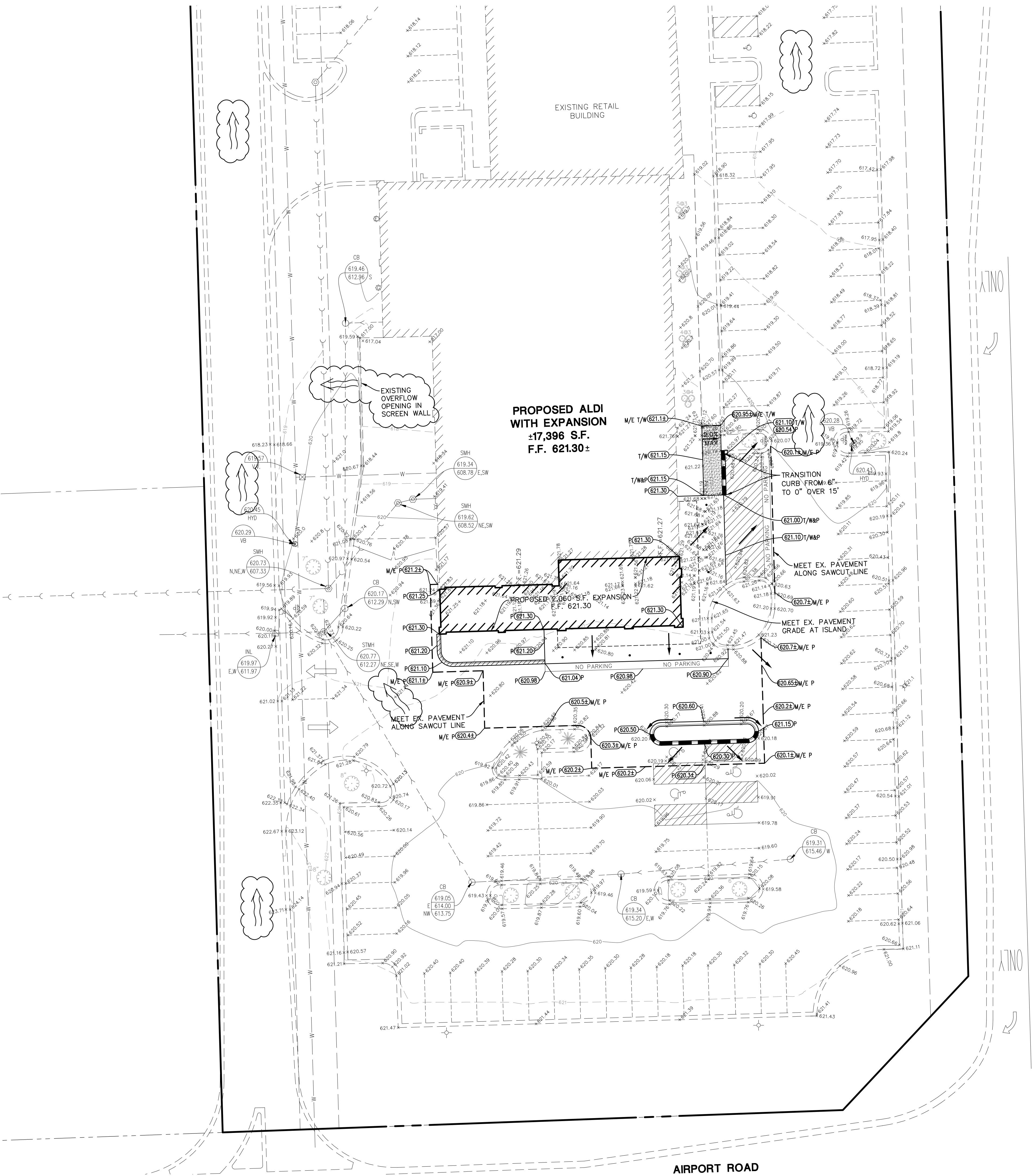
06-01-16
SOIL EROSION AND SEDIMENTATION CONTROL GENERAL NOTES:

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL".
- MAINTENANCE AND REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE OWNER, SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- ON SITE SEDIMENT CONTROL MEASURES AS SHOWN AND SPECIFIED BY THIS EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO INITIATING CLEARING, GRADING, STRIPPING, EXCAVATION OR FILLING ACTIVITIES ON THE SITE.
- STORM WATERS FALLING ON THE ENTIRE SITE SHALL BE DIVERTED INTO THE STORM SEWER. THE CONTRACTOR SHALL CONSTRUCT SILTATION CONTROL MEASURES AS REQUIRED TO INTERCEPT SURFACE WATERS BEFORE THEY FLOW ONTO ADJACENT PROPERTY AND CONVEY THEM TO THE STORM SEWER.
- DISTURBED AREA SHALL BE STABILIZED BY SEEDING AT A MINIMUM, WITHIN SEVEN (7) DAYS OF COMPLETION OF DISTURBANCE UNLESS THE AREA WILL BE DISTURBED WITHIN FOURTEEN (14) DAYS AND GRASS SOWN AS NECESSARY TO RE-ESTABLISH VEGETATION FOR CONTROL OF SILTATION AND SOIL EROSION.
- TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 64 LBS./ACRE.
- INLET PROTECTION SHALL BE INSTALLED UNDER THE GRATING OF EACH DRAINAGE STRUCTURE.
- TOPSOIL STOCKPILES SHALL BE SEADED WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION FOR EROSION CONTROL UNLESS THEY WILL BE DISTURBED WITHIN FOURTEEN (14) CALENDAR DAYS. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWN SLOPE SIDE OF THE PILES.
- DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM A TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADER TO PROVIDE A UNIFORM RATE OF APPLICATION.
- ANY LOOSE MATERIAL THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTER OR DRAINAGE STRUCTURE DURING CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
- OVERLAND FLOW SHALL BE DIRECTED TO THE EXISTING FLOW ROUTE PRIOR TO LEAVING THE SITE.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE CLIENT OR OTHER JURISDICTIONAL GOVERNMENTAL ENTITIES.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL JURISDICTIONAL GOVERNMENTAL AGENCY REQUIREMENTS WITHIN 30 DAYS OF FINAL STABILIZATION.
- INLET PROTECTION IS TO BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT TO CHECK SEDIMENT LOAD AND IDENTIFY TEARS IN THE FILTER. MAINTENANCE WILL INCLUDE REMOVING ANY SEDIMENT, AND REPAIRING AND REPLACING WHEN NECESSARY.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- MAJOR AMENDMENTS TO THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
- ANY SEDIMENT REACHING ANY PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL.

PROPOSED ALDI #63 EXPANSION

VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

EXISTING CONDITIONS AND DEMOLITION PLAN



PROPOSED ALDI #63 EXPANSION

**PROPOSED ALDI #63 EXPANSION
OF ROMEOVILLE, WILL COUNTY, ILLINOIS
GRADING AND UTILITY PLAN**

06-01-16

GRADING NOTES:

1. PAVEMENT SLOPES THROUGH HANDICAP ACCESSIBLE PARKING AREAS SHALL BE 2.00% MAXIMUM IN ANY DIRECTION.
2. ALL HANDICAP RAMPS SHALL BE CONSTRUCTED WITH A MAXIMUM CROSS SLOPE OF 2.00% OR LESS.
3. MEET EXISTING GRADE AT CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE.
4. CONTRACTOR SHALL REFER TO THE EXISTING CONDITIONS AND DEMOLITION PLAN AND DETAILS FOR CONSTRUCTION SCHEDULING AND EROSION CONTROL MEASURES TO BE INSTALLED PRIOR TO BEGINNING GRADING OPERATIONS.
5. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY WORK TO LOCATE UTILITIES AND SHALL CONTACT THE OWNER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENT.
6. 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 72 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.
7. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITION OR BETTER.
8. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 6 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS AS PREPARED BY MANHARD CONSULTING, LTD. ON SEPTEMBER 28, 2016. CONTRACTOR SHALL FIELD CHECK EXISTING ELEVATIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.

ALL UTILITY DIMENSIONS ARE TO CENTER OF PIPE OR CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.

BUILDING DIMENSIONS AND ADJACENT UTILITY LAYOUT HAVE BEEN PREPARED BASED UPON ARCHITECTURAL INFORMATION CURRENT AT THE DATE OF THIS DRAWING. SUBSEQUENT ARCHITECTURAL CHANGES MAY EXIST. THEREFORE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS AND NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY WORK TO LOCATE UTILITIES AND SHALL CONTACT THE OWNER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENT.

ROUTING OF GAS, ELECTRIC AND TELEPHONE SERVICES IF SHOWN ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE BASED UPON FINAL REVIEW AND APPROVAL BY RESPECTIVE UTILITY COMPANIES AND OWNER. CONTRACTOR SHALL CONTACT EACH UTILITY COMPANY AND COORDINATE FINAL LOCATIONS FOR ALL UTILITY SERVICES PRIOR TO START OF CONSTRUCTION.

CONTRACTOR SHALL EXCAVATE AND VERIFY ALL EXISTING SEWER, WATER MAIN AND DRY UTILITY LOCATIONS, SIZES, CONDITIONS & ELEVATIONS AT PROPOSED POINTS OF CONNECTION AND CROSSINGS PRIOR TO ANY UNDERGROUND CONSTRUCTION AND NOTIFY THE OWNER OF ANY DISCREPANCIES OR CONFLICTS.

THE CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF ALL EXISTING STRUCTURES TO PROPOSED FINISH GRADES.

CONTRACTOR TO VERIFY LOCATION, SIZES, AND ELEVATION OF ALL BUILDING SERVICE LOCATIONS WITH ARCHITECTURAL PLANS.

AT LOCATIONS WHERE WATER MAIN CROSSES BENEATH OR LESS THAN 18" ABOVE A SEWER, PROVIDE WATER MAIN PROTECTION PER STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.

ELEVATIONS GIVEN FOR STORM SEWER STRUCTURES LOCATED IN CURB LINE ARE PAVEMENT ELEVATIONS.

ALL WATER MAIN SHALL BE 5'-6" BELOW FINISHED GRADE TO TOP OF MAINS UNLESS NOTED OTHERWISE.

ALL EXISTING UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT ELEVATION OR LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES.

THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED.

ALL SANITARY AND STORM SEWER LENGTHS SHOWN ARE CENTER OF MANHOLE TO CENTER OF MANHOLE OR STORM MANHOLE TO FES.

SOME EXISTING ITEMS TO BE REMOVED HAVE BEEN DELETED FROM THIS PLAN FOR CLARITY. SEE DEMOLITION PLAN FOR ITEMS DELETED.

ALL D.I. WATERMAIN FITTINGS SHALL BE WRAPPED.

PROJ. MGR: _____
PROJ. ASS: _____
DRAWN BY: _____
DATE: _____
SCALE: _____

Landscape Plan

Scale:

=20'

Plant List

Key	Quantity	Name	COMMON/ Botanical	Size	Comments
Shade Trees					
TICO	2	GREENSPIRE LITTLELEAF LINDEN/	<i>Tilia cordata</i> 'Greenspire'	2.5" BB	
Deciduous Shrubs					
COAC	8	PEKING COTONEASTER/	<i>Cotoneaster lucidus</i> 'Peking'	3' BB	
PHOP	6	LITTLE DEVIL NINEBARK/	<i>Physocarpus opulifolius</i> 'Little Devil'	3' BB	
RHAR	12	GRO-LOW SUMAC/	<i>Rhus aromatica</i> 'Gro-Low'	24" BB	
Grasses					
PEAL	4	HAMELN DWARF FOUNTAIN GRASS/	<i>Pennisetum alopecuroides</i> 'Hameln'	1 Gal.	

PROPOSED ALDI #63 EXPANSION

VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

LANDSCAPE PLAN

The logo for Manhard Consulting Ltd. is positioned on the left side of the page. It features a large, bold, black 'M' and a smaller, bold, grey 'C' stacked vertically. To the right of the 'C', the word 'CONSULTING' is written in a smaller, bold, grey sans-serif font. Above 'CONSULTING', the word 'LTD' is written in a bold, grey sans-serif font. A trademark symbol (TM) is located at the top right of the 'LTD' text. The entire logo is set against a white background with a light grey grid pattern.

900 Woodlands Parkway, Vernon Hills, IL 60061

Civil Engineers • Surveyors • Water Resource Engineers

Construction Managers • Environmental Scientists

• Landscape Architects • Planners

ph: 847.634.5550

fx: 847.634.0095

manhard.com

11-30-16 REVISED PER VILLAGE COMMENTS NO. 1

DRAWN BY _____

DATE _____

REVISIONS _____

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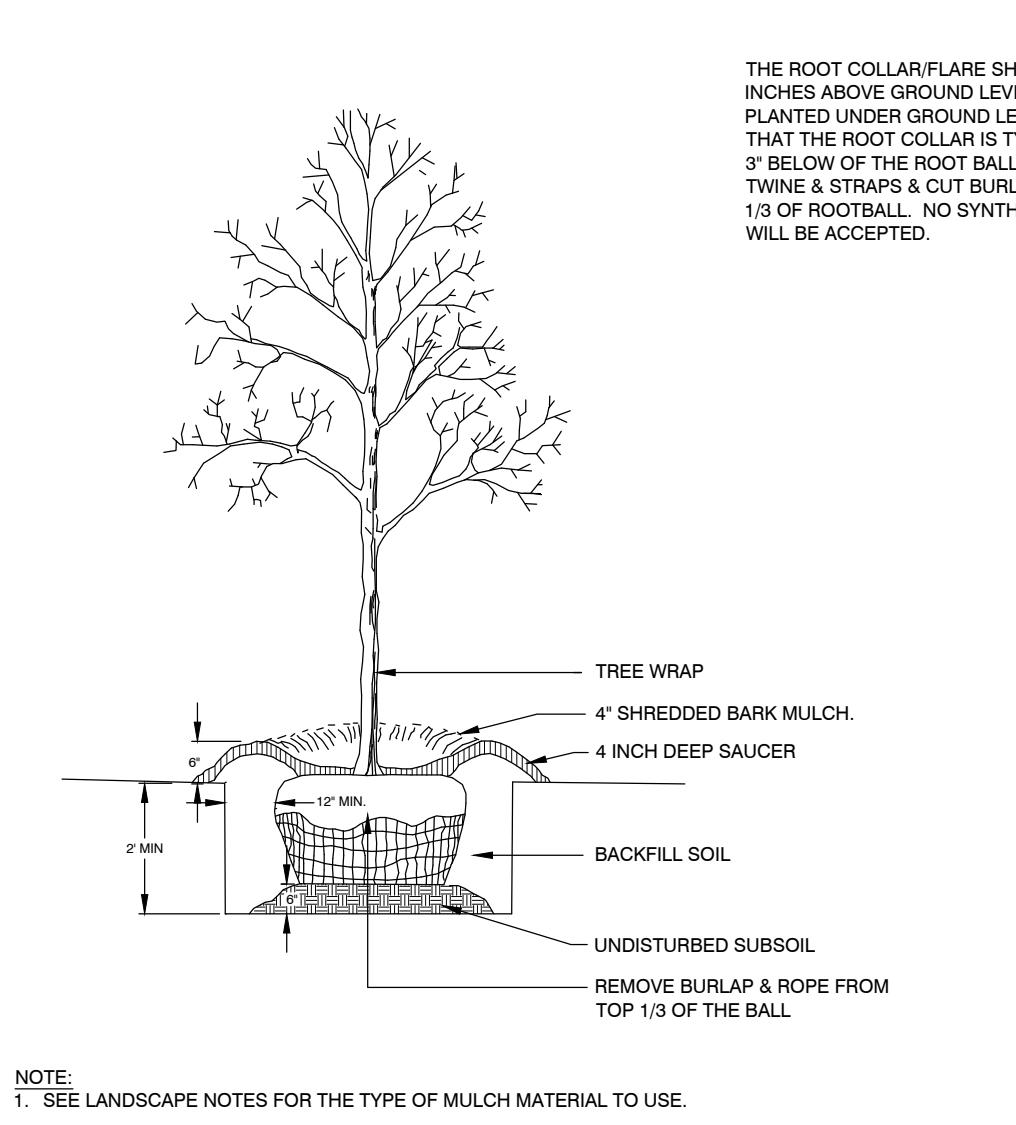
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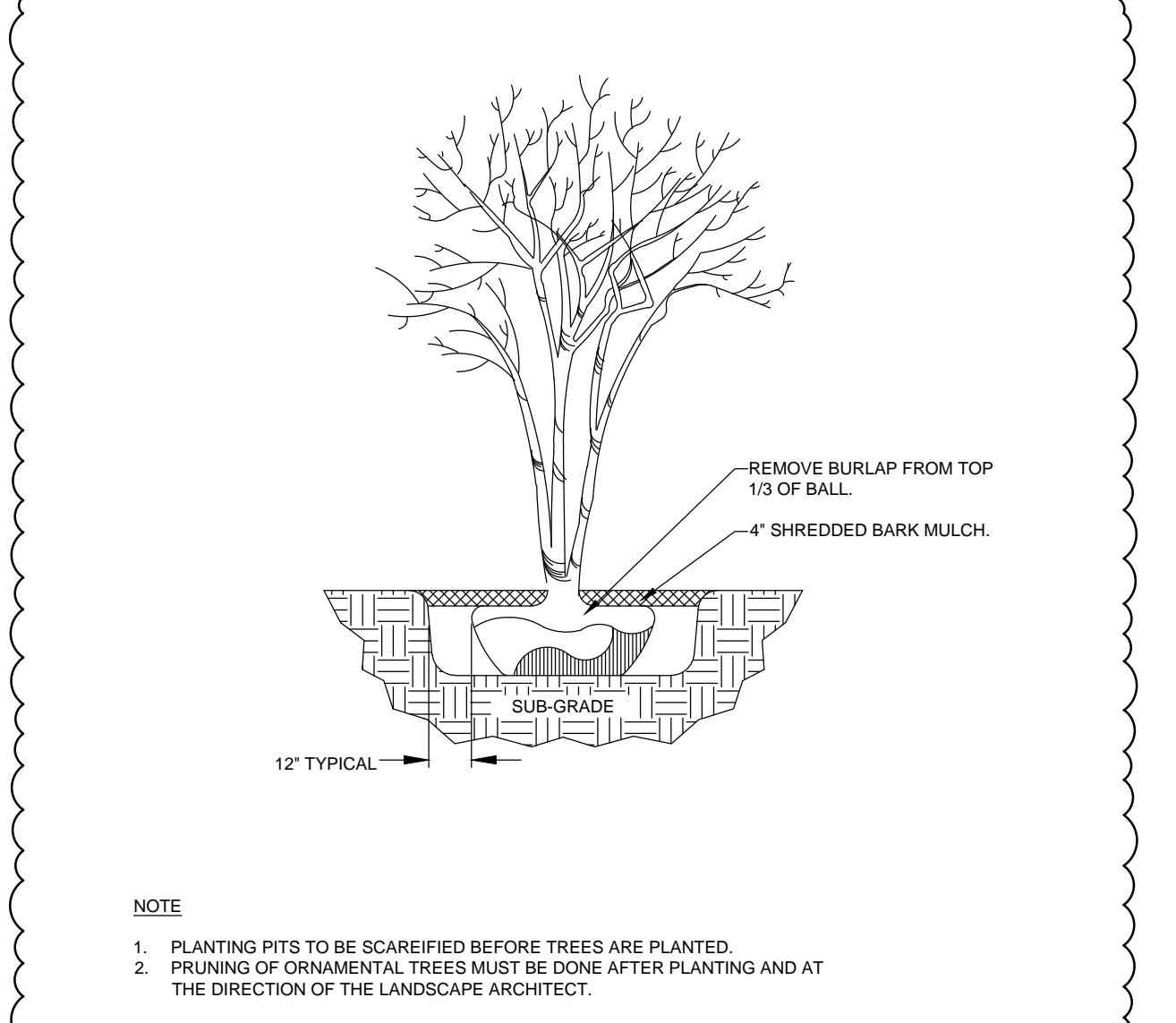
PLANTING DETAILS



NOTE: SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.

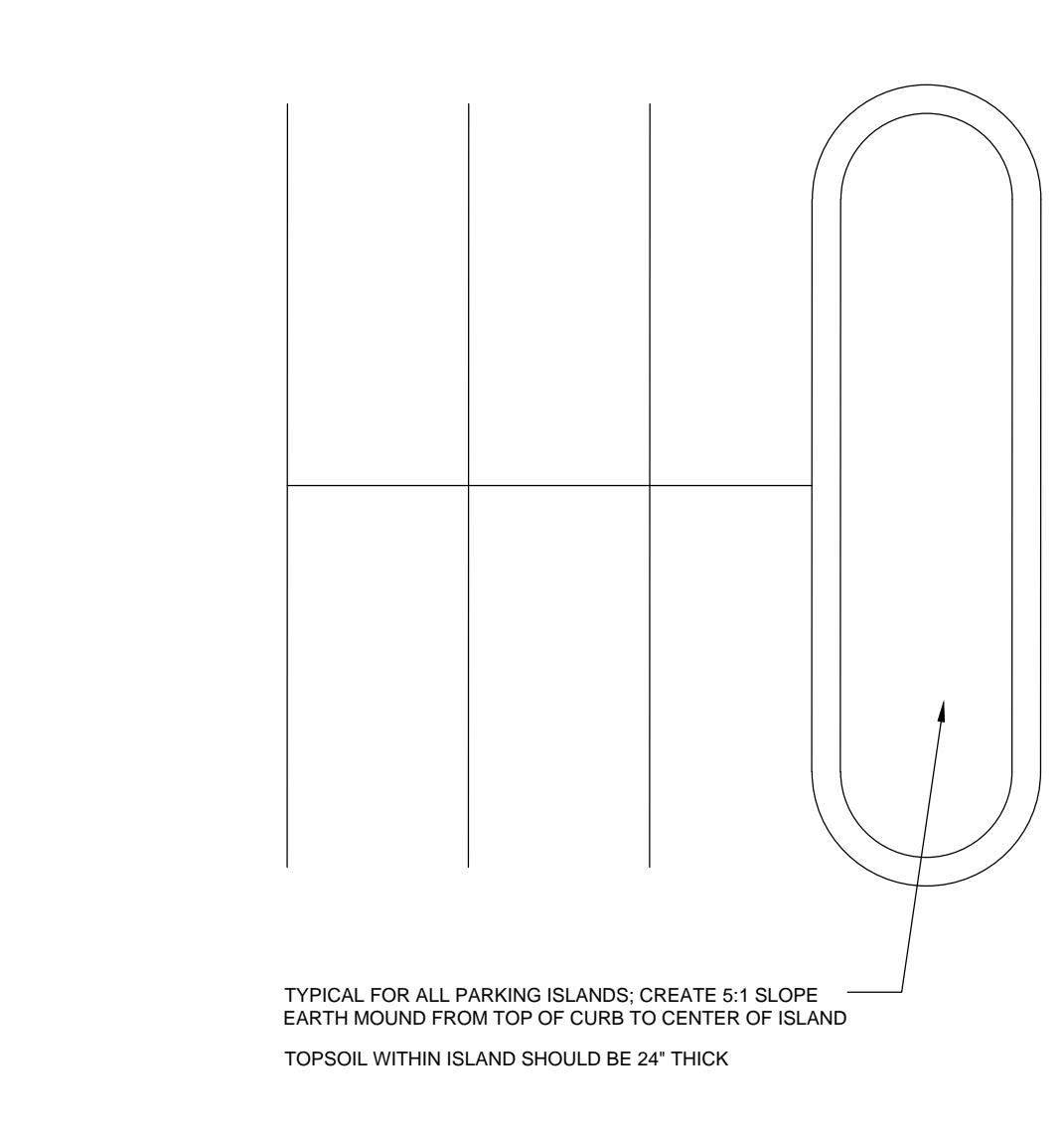
DECIDUOUS TREE

NOT TO SCALE



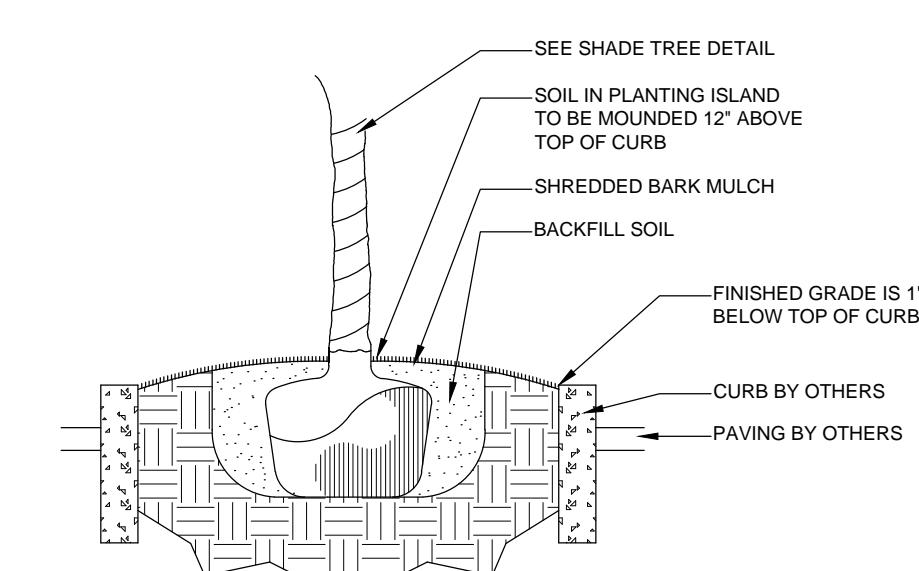
ORNAMENTAL TREE

NOT TO SCALE



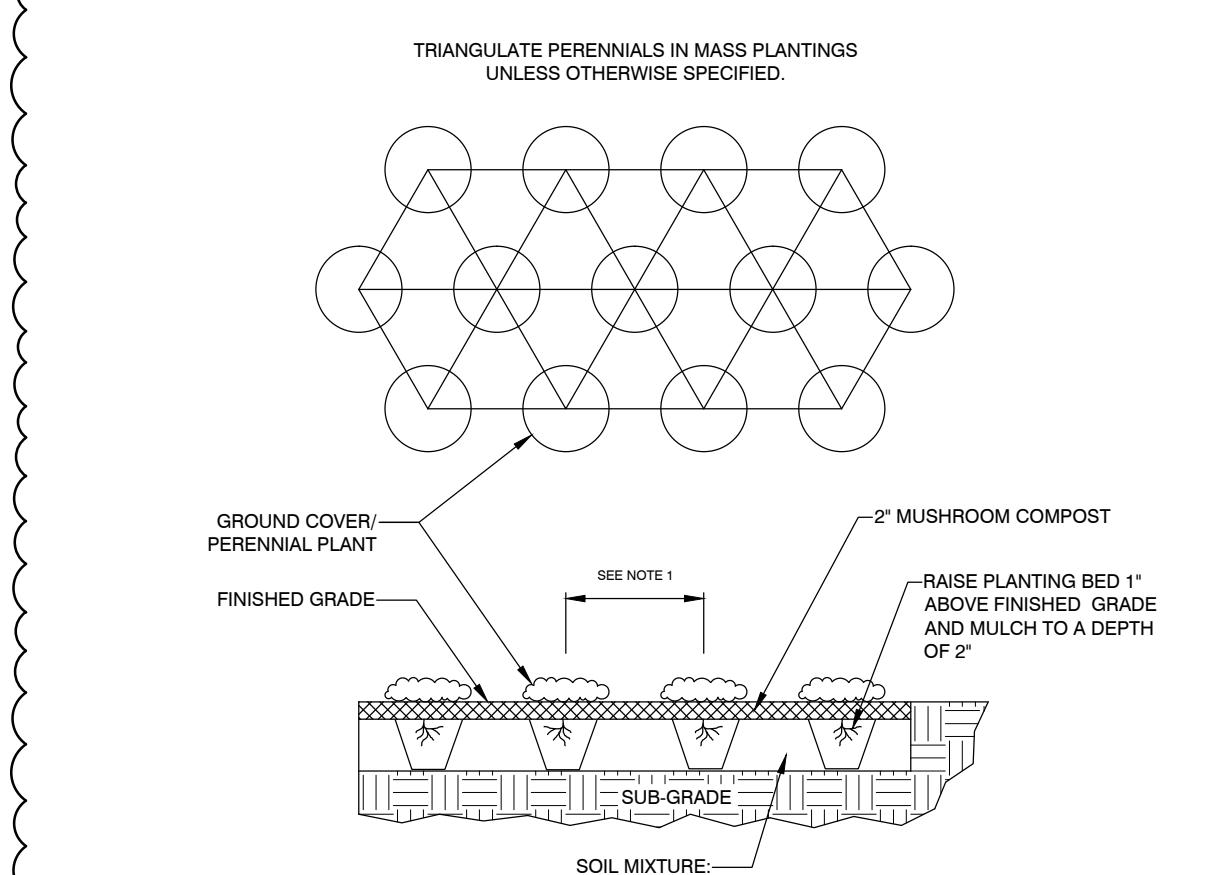
PARKING LOT ISLAND

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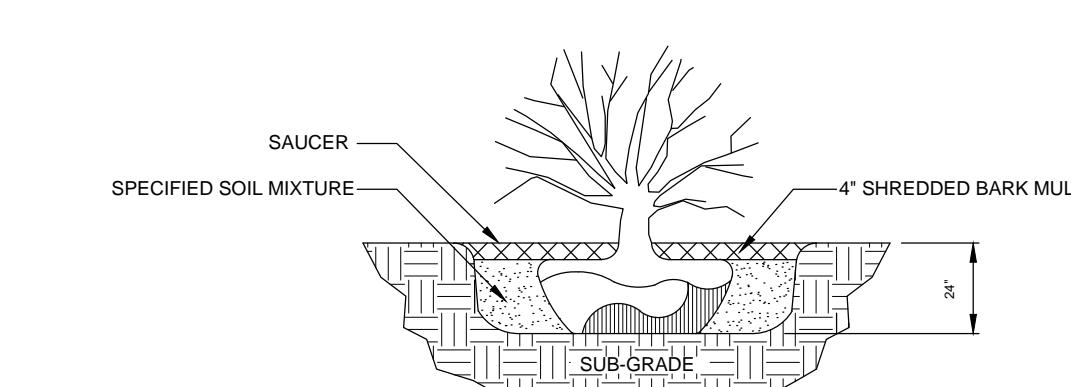
SHADE TREE IN ISLAND

NOT TO SCALE



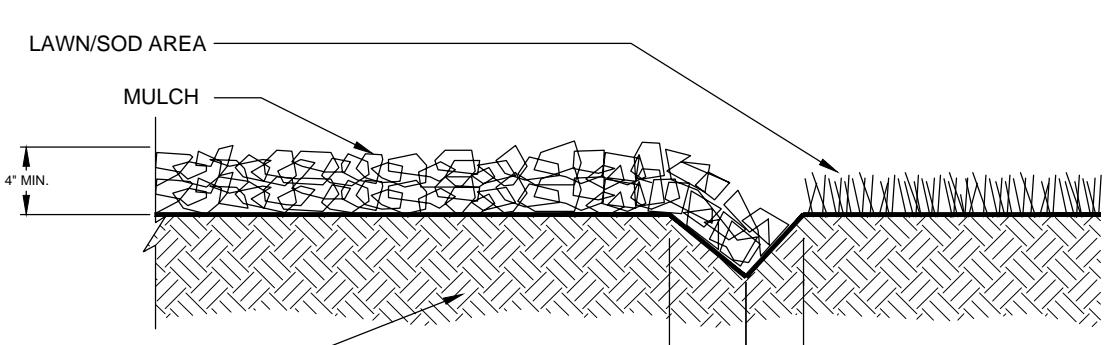
GROUNDCOVER AND PERENNIALS

NOT TO SCALE



SHRUB PLANTING

NOT TO SCALE



CONTINUOUS MULCH

NOT TO SCALE

SPECIFICATIONS

- Field Verification The Contractor shall verify all existing conditions and dimensions in the field prior to bidding and report any discrepancies to the Owner or his representative.
- Protection of Existing Site and Existing Site Features The Contractor shall provide at his/her own expense, protection against trespassing and damage to seeded areas, planted areas and other construction areas until the preliminary acceptance. The Contractor shall provide barricades, temporary fencing, signs, written warning or policing as may be required to protect such areas. The Contractor shall not be responsible for any damage caused by the Owner after such warning has been issued. It shall be the Contractor's responsibility to locate and protect all existing above and below ground utilities when performing the work. The Contractor shall be responsible for the protection of crowns, trunks and roots of existing trees, shrubs, lawns, paved areas and other landscaped areas that are to remain. Existing trees which may be subject to construction damage shall be boxed, fenced or otherwise protected before any work is started. Boxing or other protection will be removed at the end of construction. Do not locate heavy equipment or stockpiles within the drip-line of existing plants or on lawns. Any damage to utilities, structures, plantings or lawn which results from the Contractor's work shall be repaired in kind at the Contractor's expense immediately with as little inconvenience to the Owner as possible. All areas shown on the plan as sod, the General Contractor will provide the Landscape Contractor with an excavated area 2" below the curb elevation and proposed grade. It is the Landscape Contractor's responsibility to verify with the General Contractor that the subgrade preparation has been completed. The Landscape Contractor shall coordinate his/her work with all other trades on site. Any planting areas disturbed as a result of general construction activity shall be immediately repaired/replaced by the Landscape Contractor at no additional expense to the Owner.
- Seed Mixture and Application Rate

Kentucky Bluegrass (4 varieties)	60%
Perennial Ryegrass	20%
Redtop or Creeping Red Fescue	20%

 Apply at the rate of 5.5 lbs. per 1,000 sq. ft.
- Fertilization The contractor shall acquire site specific soil analysis from a reputable firm, amend soil, and fertilize all area per the findings of the analysis. The contractor shall supply the Landscape Architect with all findings, analysis, and recommendations. Apply fertilizers and conditioners at the rate specified per soil test findings. At least 40% of the fertilizer nitrogen shall be of an organic origin.
- Watering Seeded areas shall be watered to insure proper germination. Once seeds have germinated, watering may be decreased but the seedlings must never be allowed to dry out completely. Frequent watering should be continued for approximately four (4) weeks after germination or until grass has become sufficiently established to warrant watering on an "as needed" basis. All plant material watering will be the responsibility of the contractor until acceptance by the owner and the Landscape Architect/Owners Representative.
- Establishment Turf may be established on a variety of slope conditions. It shall be the contractor's responsibility to determine and implement whatever procedures he/she deems necessary to establish the turf as part of his/her work. Seeded areas will be accepted when all areas show a uniform stand of the specified grass in healthy condition and at least 60 days have elapsed since the completion of this work. A uniform stand is defined as areas where the grass is growing thickly without bare spots larger than 12" x 12". The Contractor shall submit with his bid a description of the methods and procedures he/she intends to use.
- Preliminary Acceptance All plantings shall be maintained by the Contractor for a period of 60 days after preliminary acceptance by the Owner. Maintenance shall include, but is not limited to, mowing and edging turf, pulling weeds, watering turf and plant material, and annual flower maintenance.
- Final Acceptance Final acceptance will be granted by the Landscape Architect/Owners Representative upon receipt of written request by the contractor, combined with an acceptable final review of the installation by the Landscape Architect/Owners Representative. All plant material (excluding annual flowers), shall be guaranteed for two years after the end of the 60 day maintenance period. The end of the maintenance period is marked by the final acceptance of the Contractor's work by the Owner, and the Landscape Architect/Owners Representative. All plants that are not vigorous, healthy and in good condition shall be replaced by the Landscape Contractor at no additional expense to the Owner. These replacement plants shall meet all specified qualities of the original plant materials and carry the same guarantee from the time of replacement.
- Site Cleanup The Contractor shall protect the property of the Owner and the work of other Contractors. The Contractor shall also be directly responsible for all damage caused by his/her activities at no additional expense to the owner and for the daily removal of all trash and debris from the work area to the satisfaction of the Landscape Architect/Owners Representative.

PROPOSED ALDI #63 EXPANSION

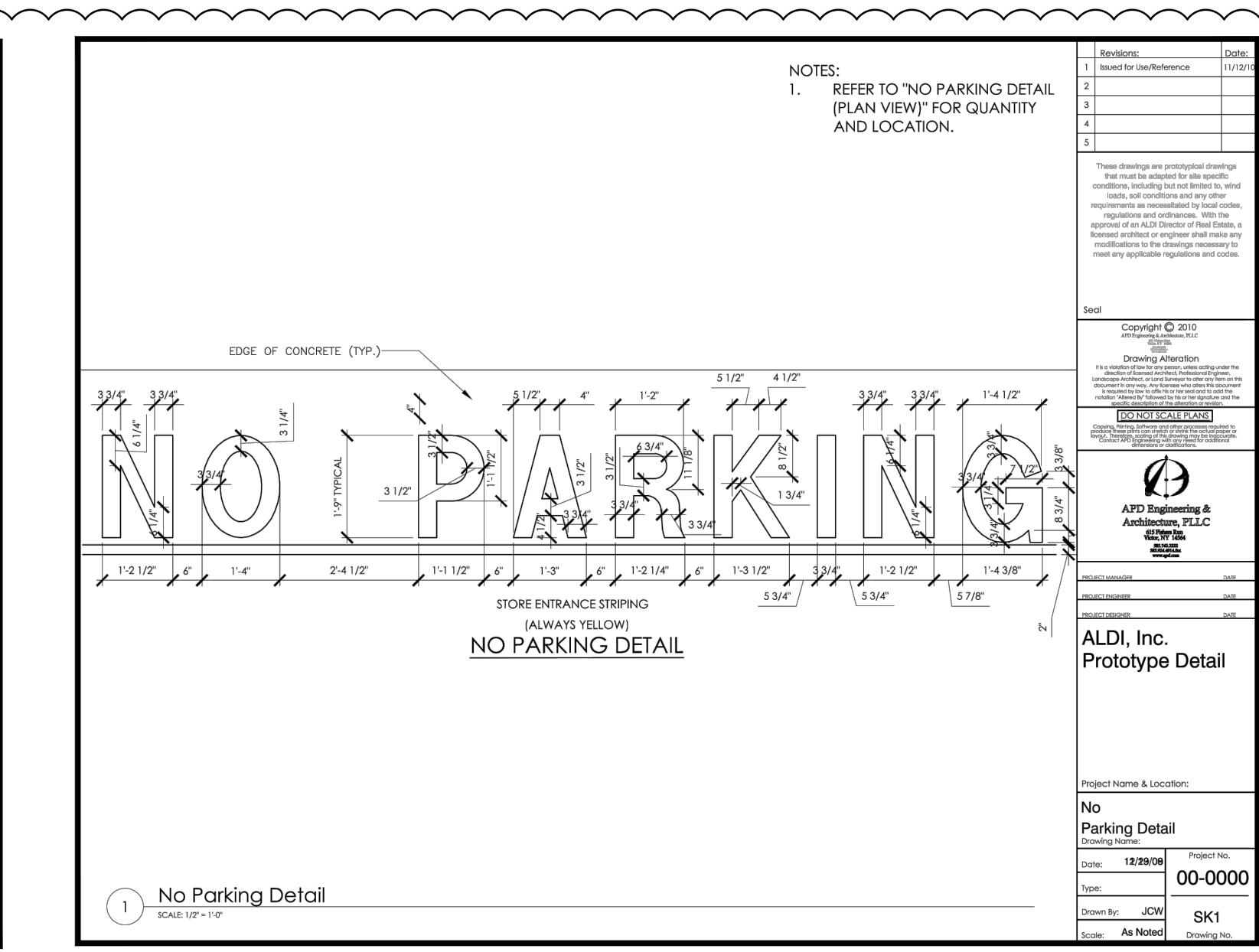
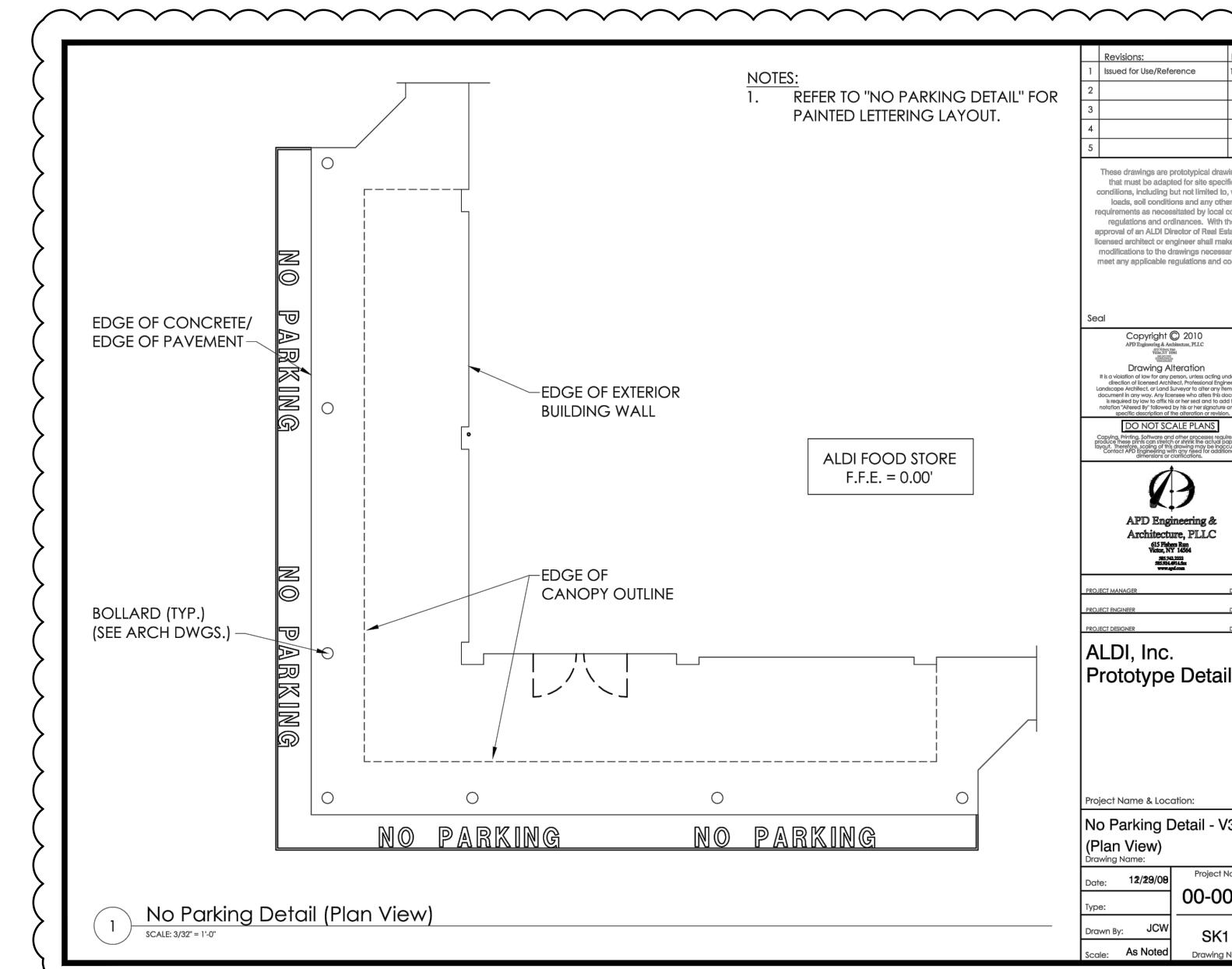
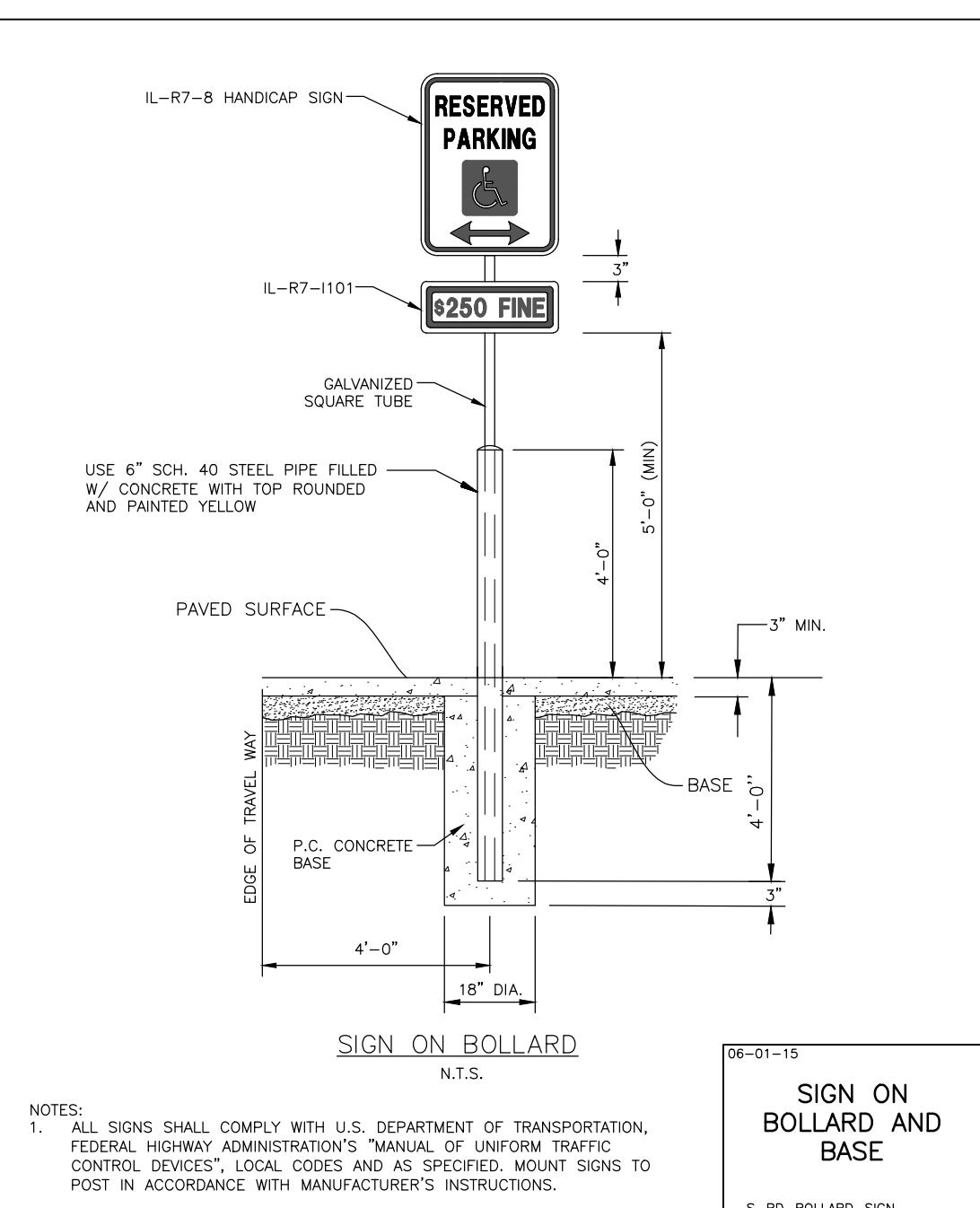
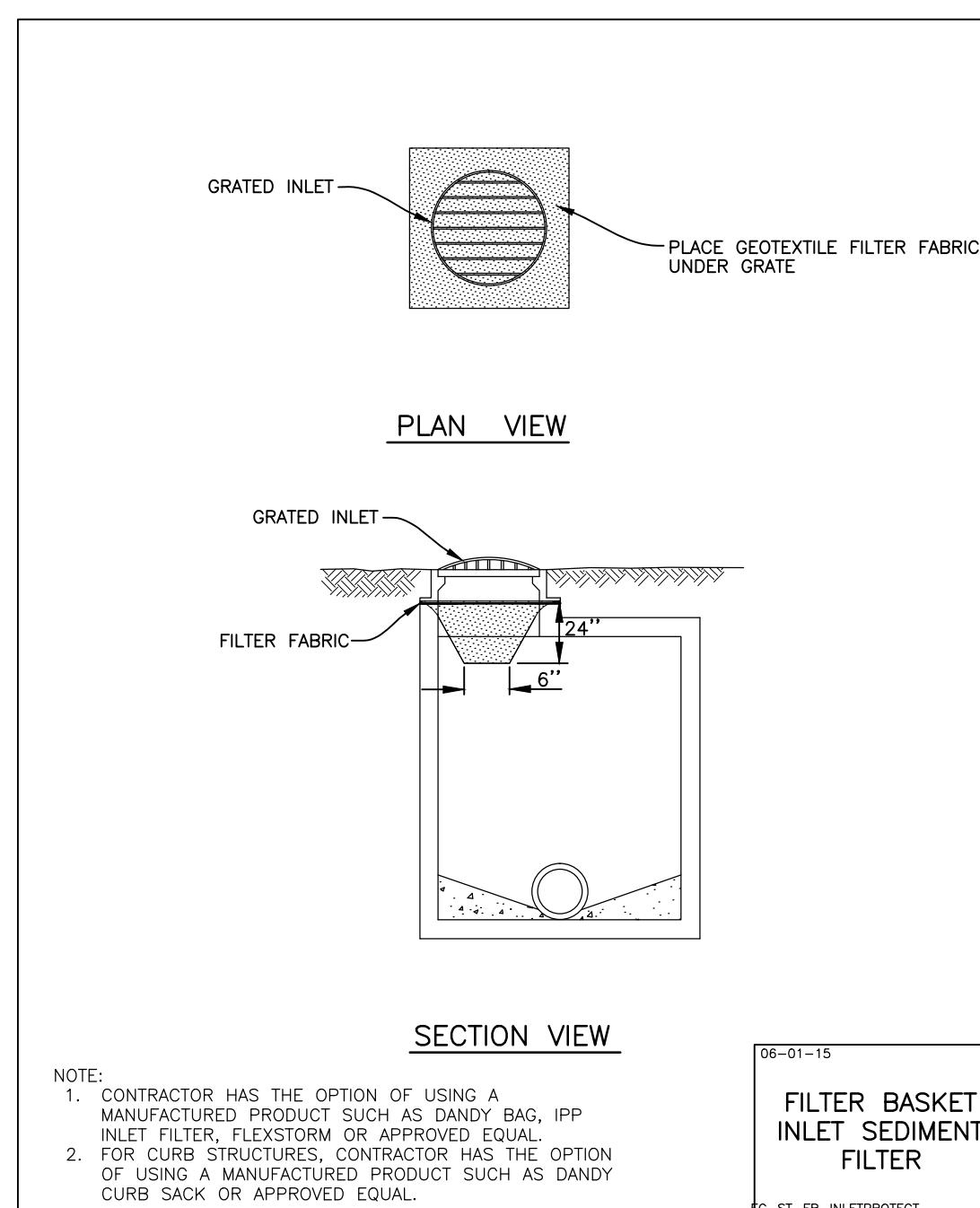
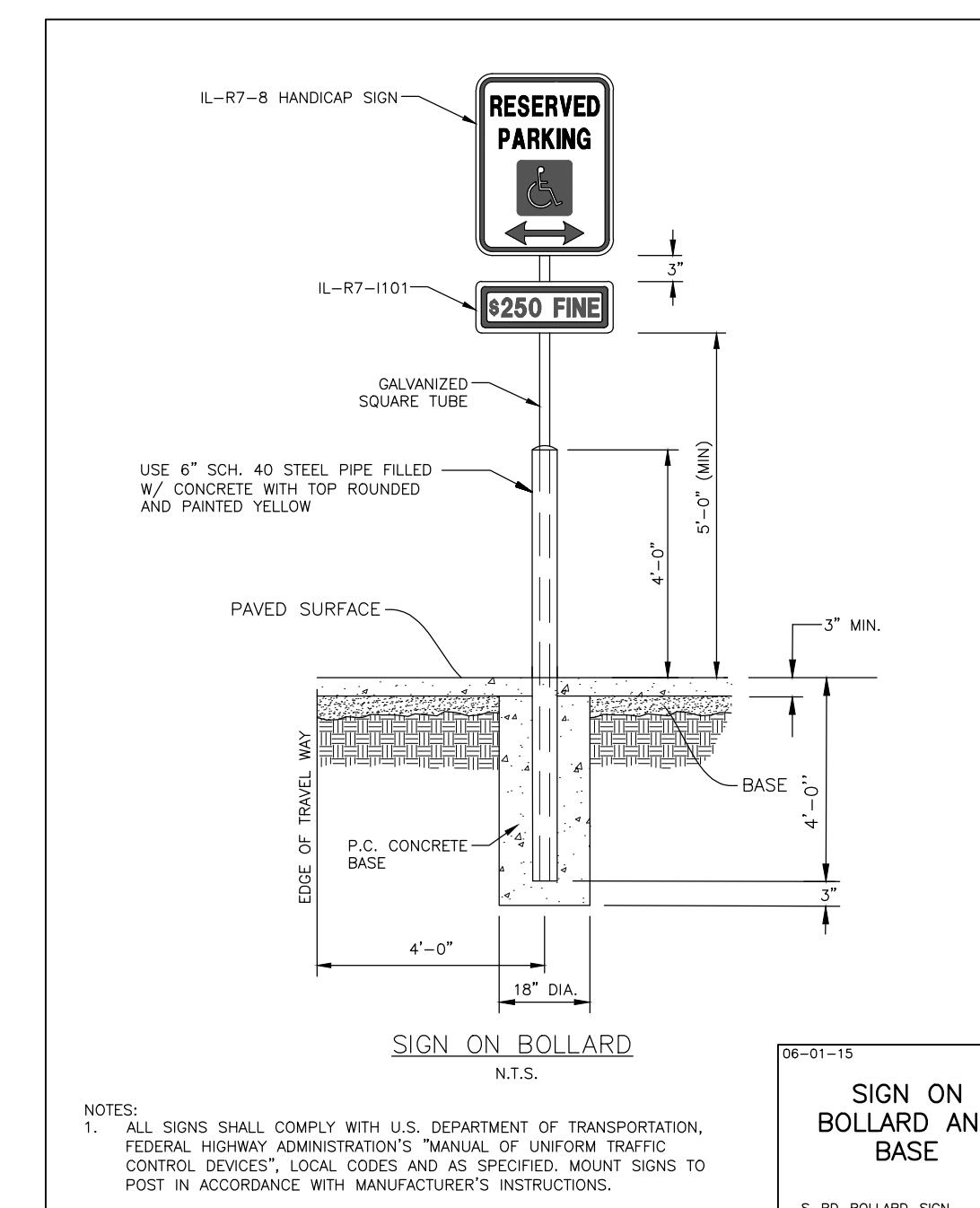
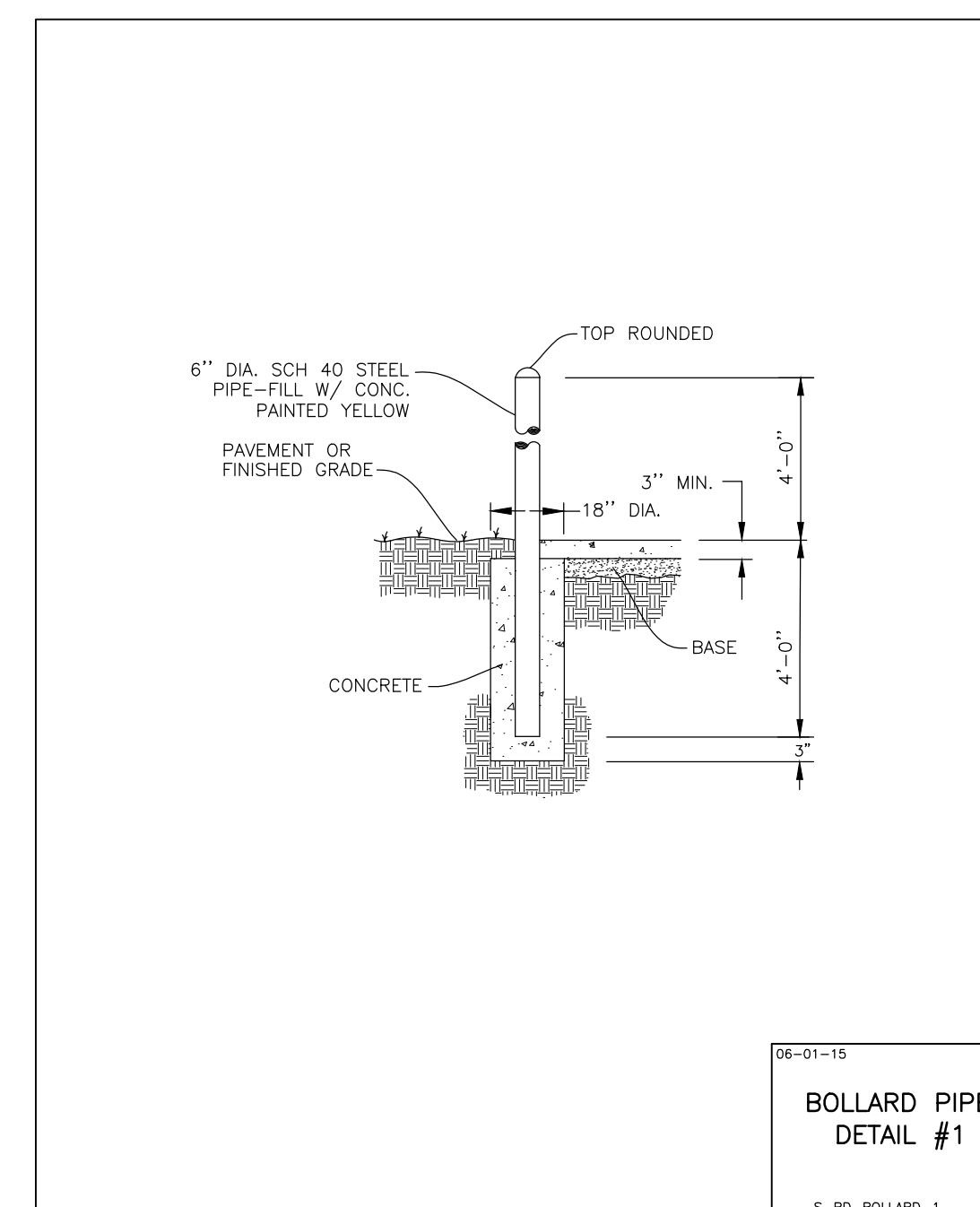
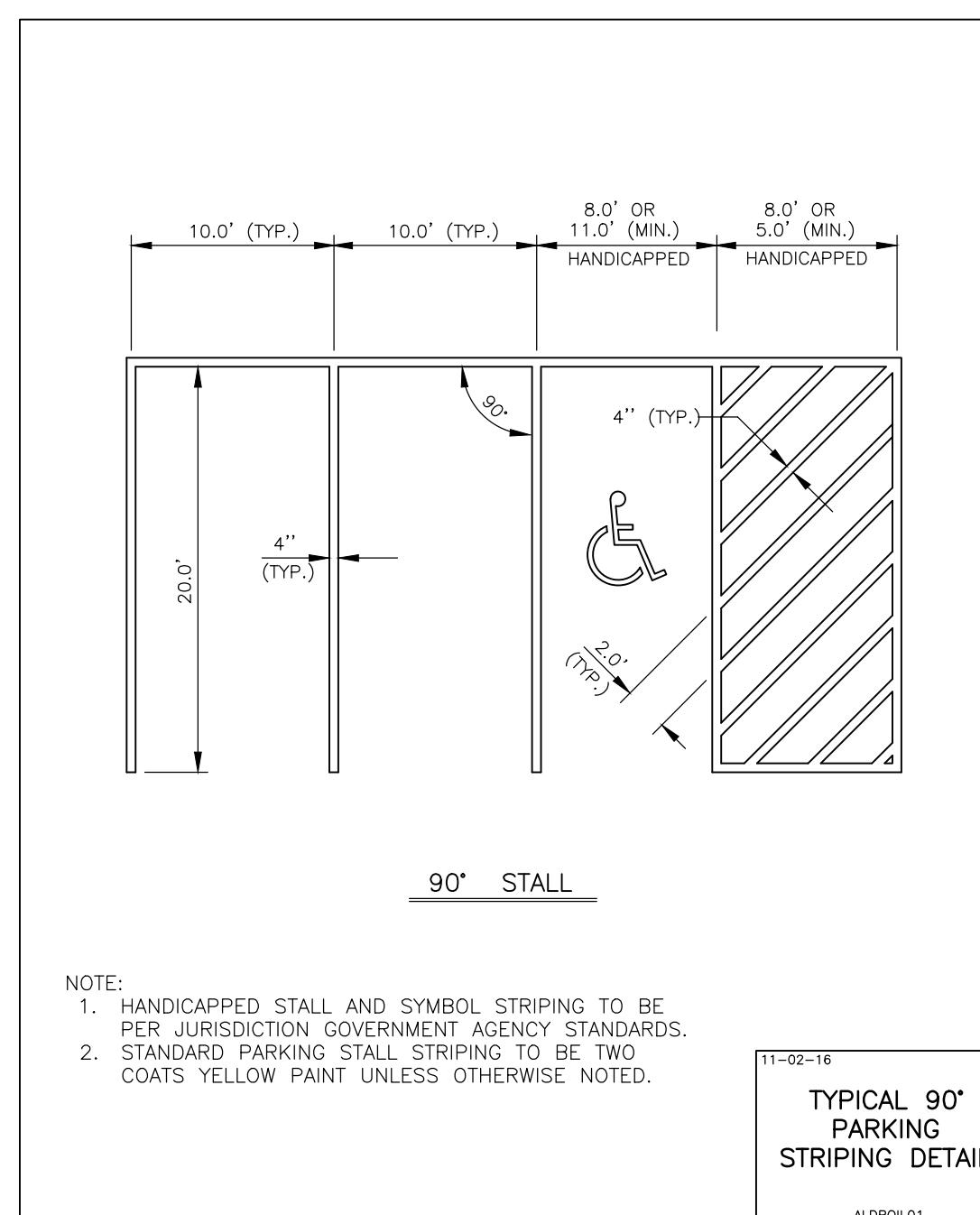
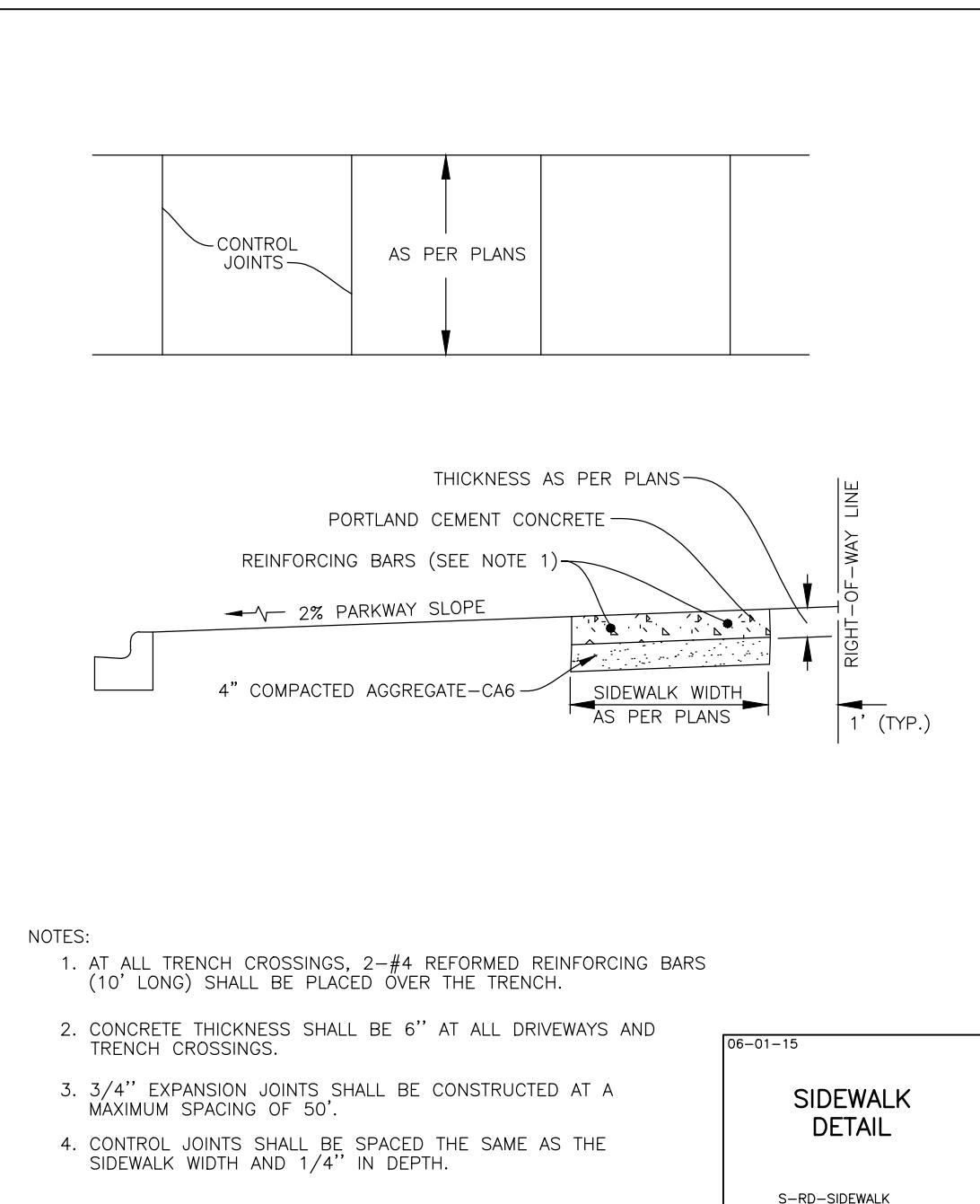
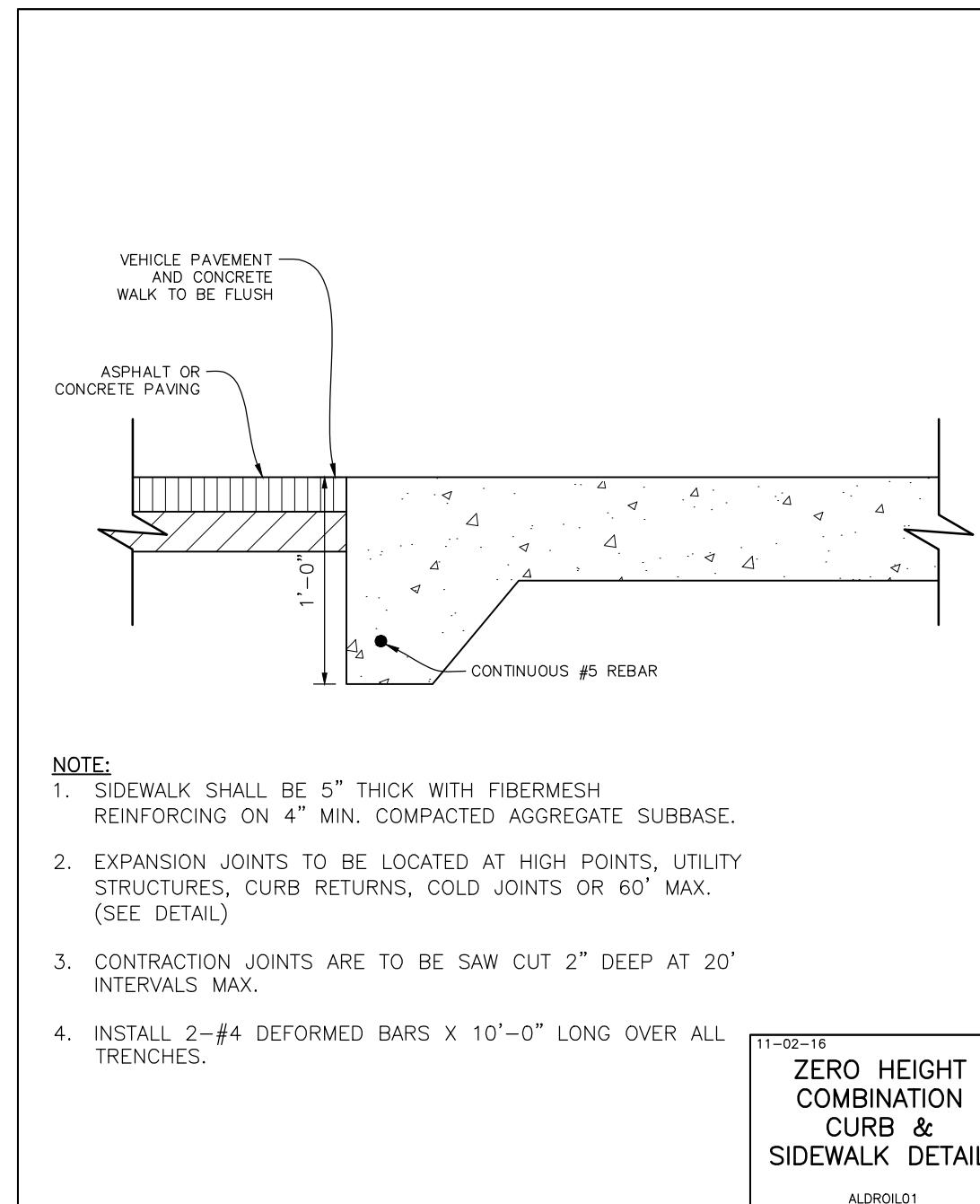
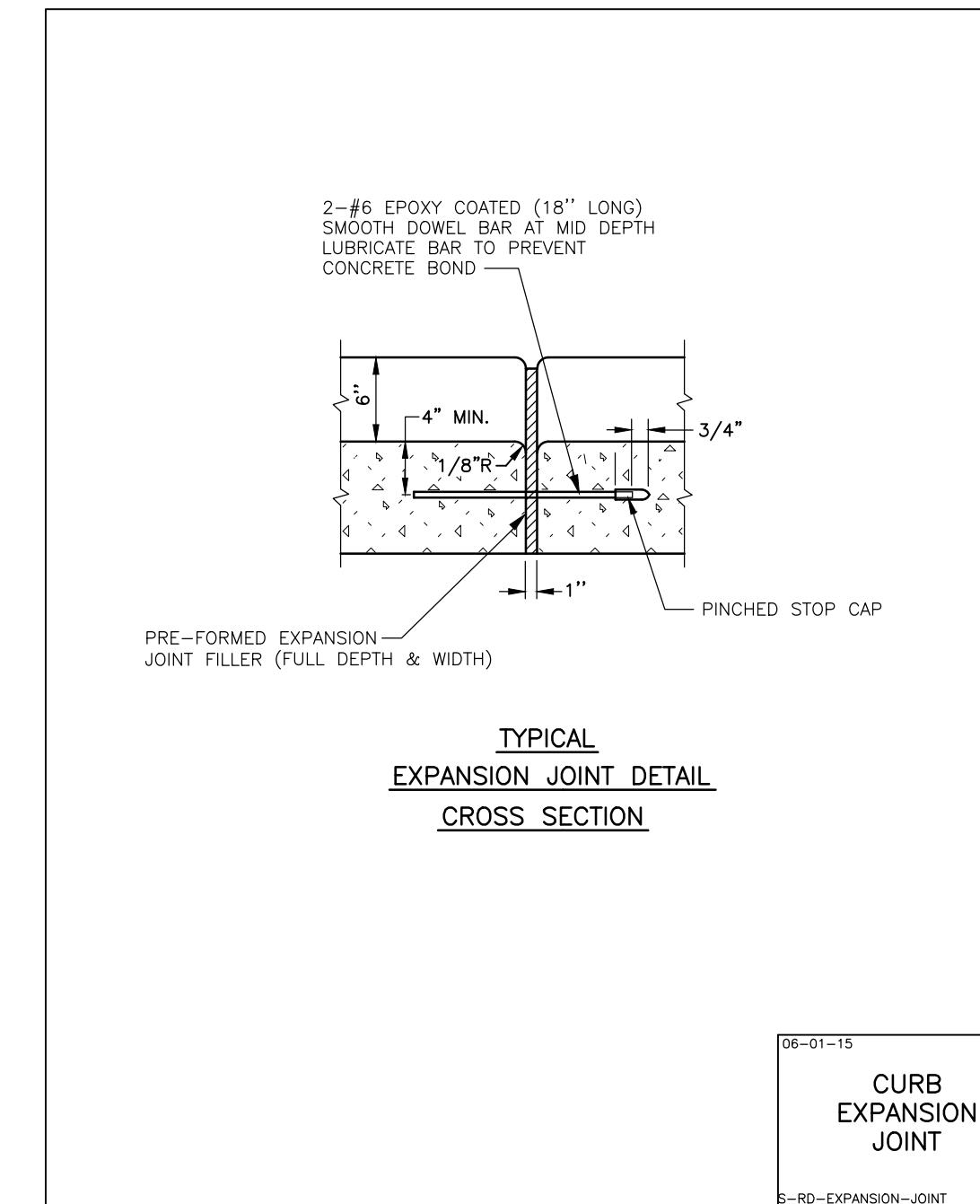
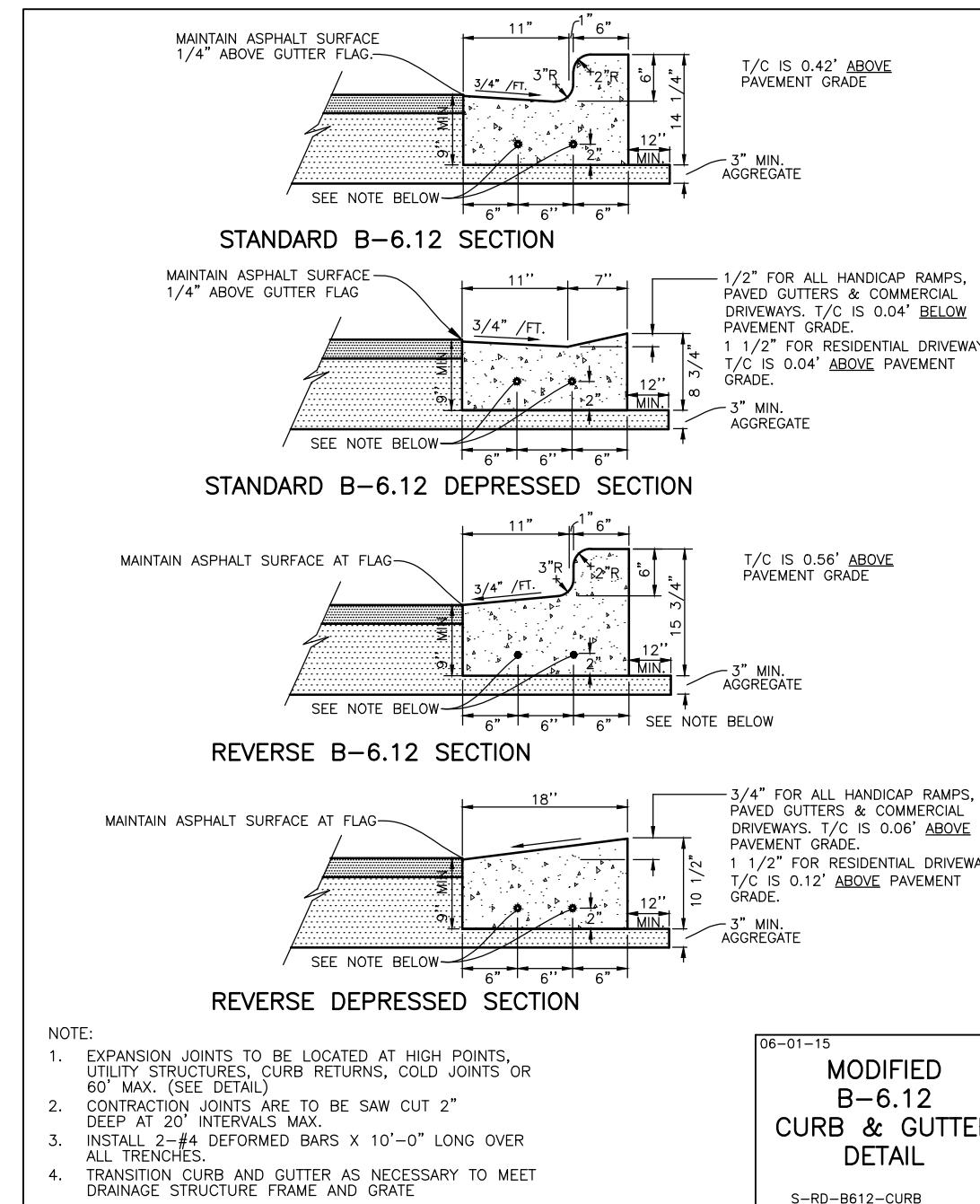
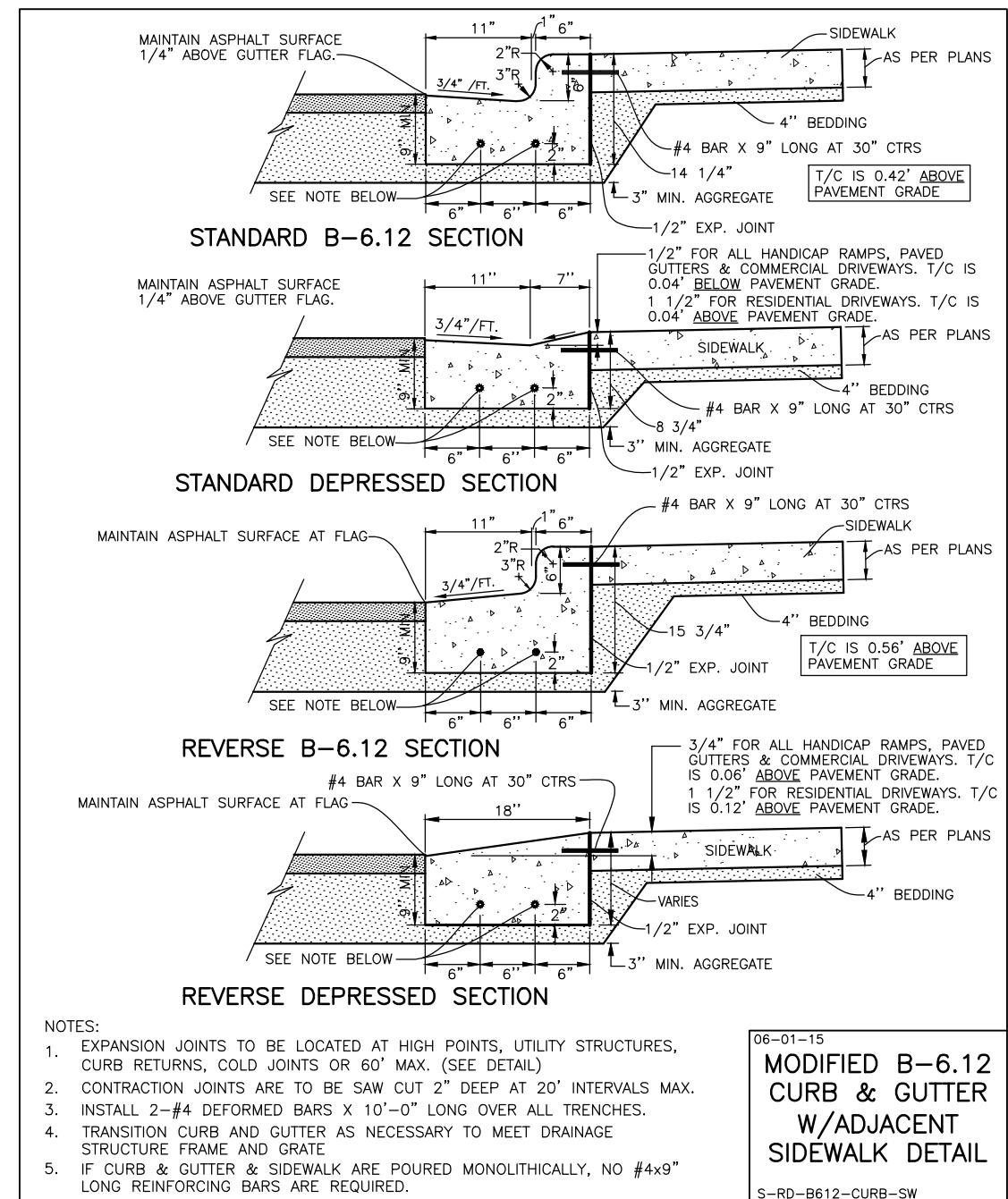
VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

LANDSCAPE DETAILS

DRAWN BY	...
REVISIONS	...
DATE	11-30-16
REvised PER	VILLAGE COMMENS NO. 1
NH	11-30-16



6001 Woodland Parkway, Vernon Hills, IL 60061 Ph: 847-854-8550 Fax: 847-854-7354 E-mail: info@manhard.com
On Right: Garden Strategies Environmental Services • Landscaping • Architects • Planners
Contractors • Manhard's Environmental Services • Environmental Management • Environmental Consulting



MANHARD CONSULTING, LTD. STANDARD SPECIFICATIONS

GENERAL CONDITIONS CONTRACTOR acknowledges and agrees that the use and reliance of these Plans and Specifications is sufficient consideration for CONTRACTOR's covenants stated herein.

DEFINITION OF TERMS

- a. "CLIENT" shall mean ALDI Inc., which is the person or entity with whom Manhard Consulting, Ltd. has contracted with to prepare Civil Engineering PLANS and SPECIFICATIONS.
- b. "ENGINEER" shall mean Manhard Consulting, Ltd., a Civil Engineering consultant on the subject project.
- c. "PLANS and SPECIFICATIONS" shall mean the Civil Engineering PLANS and SPECIFICATIONS prepared by the ENGINEER, which may be a part of the contract documents for the subject project.
- d. "CONTRACTOR" shall mean any person or entity performing any work described in the PLANS and SPECIFICATIONS.
- e. "JURISDICTIONAL GOVERNMENTAL ENTITY" shall mean any municipal, county, state or federal unit of government from whom an approval, permit, and/or review is required for any aspect of the subject project.

INTENT OF THE PLANS AND SPECIFICATIONS

The intent of the PLANS and SPECIFICATIONS is to set forth certain requirements of performance, type of equipment and structures, and standards of materials and construction. They may also identify labor and materials, equipment and transportation necessary for the proper execution of the work but are not intended to be infinitely determined to include minor items obviously required as part of the work. The PLANS and SPECIFICATIONS require new material and equipment unless otherwise indicated, and to require complete performance of the work in spite of omissions of specific references to any minor components or parts that is not intended to be included in the materials or work not covered by or properly inferred from any heading, branch, class or trade of the SPECIFICATIONS. CONTRACTOR shall be supplied unless distinctly noted. Materials or work described in words, which so applied have a well-known technical or trade meaning, shall be referred to such recognized standards.

INTERPRETATION OF PLANS AND SPECIFICATIONS

- a. The CLIENT and/or CONTRACTOR shall promptly report any errors or ambiguities in the PLANS and SPECIFICATIONS to the ENGINEER. Questions as to meaning of PLANS and SPECIFICATIONS shall be interpreted by the ENGINEER, whose decision shall be final and binding on all parties concerned.
- b. The ENGINEER will provide the CLIENT with such information as may be required to show revised or additional details of the contract.
- c. Should any discrepancies or conflicts on the PLANS or SPECIFICATIONS be discovered either prior to or after award of the contract, the ENGINEER's attention shall be called to the same before the work is begun thereon and the proper corrections made. Neither the CLIENT nor the CONTRACTOR may take advantage of any error or omission in the PLANS and SPECIFICATIONS. The ENGINEER will provide information when errors or omissions are discovered.

GOVERNING COPIES

All work to be proposed shall be completed in accordance with all requirements of any JURISDICTIONAL GOVERNMENTAL ENTITY, and all such pertinent laws, directives, ordinances and the like shall be considered to be a part of these SPECIFICATIONS. If a discrepancy is noted between the PLANS and SPECIFICATIONS and requirements of any JURISDICTIONAL GOVERNMENTAL ENTITY, the CLIENT and/or the CONTRACTOR shall immediately notify the ENGINEER in writing.

LOCATION OF UNDERGROUND FACILITIES AND UTILITIES

When the PLANS and SPECIFICATIONS include information pertaining to the location of existing underground facilities and utilities (but are not limited to water mains, sanitary sewers, storm sewers, electric, telephone, gas and cable TV lines), such information represents only the opinion of the ENGINEER as to the approximate location and nature of such facilities and utilities. All the locations where detailed positions of these facilities and utilities are required to be known shall be indicated on the PLANS. The CONTRACTOR shall locate and mark the approximate locations of these facilities and utilities, the horizontal location, elevation, size and material (if appropriate) of the facilities and utilities. The CONTRACTOR shall notify the ENGINEER at least 48 hours prior to construction if any discrepancies in existing utility information or conflicts with existing utilities exist. The ENGINEER assumes no responsibility, whatever with respect to the sufficiency or accuracy of the information shown on the PLANS and SPECIFICATIONS relative to the location of underground facilities and utilities, nor the manner in which they are removed or adjusted.

It shall be the CONTRACTOR's responsibility prior to construction, to notify all Utility Companies of the intent to begin construction and to verify the actual location of all underground facilities and utilities. The CONTRACTOR shall also obtain from the respective Utility Companies the working schedules for removing or adjusting these facilities.

UNDERGROUND UTILITIES

The PLANS have been prepared by the ENGINEER based on the assumption that all soils on the project are suitable to support the proposed improvements shown. The CLIENT or CONTRACTOR shall immediately notify the ENGINEER if he discovers or encounters an obstruction that prevents the installation of the improvement according to the line and grades shown on the PLANS.

PROTECTION OF TREES

All trees that are not to be removed shall be protected from damage. Trees shall not be removed unless requested to do so in writing by the CLIENT.

NOTIFICATION OF OWNERS OF FACILITIES AND UTILITIES

The CONTRACTOR shall notify all applicable Jurisdictional Governmental Entities or utility companies, i.e., water, sewer, electric, telephone, gas and cable TV prior to beginning any construction so that said entity or company can establish the location and elevation of underground pipes, conduits or cables adjoining or crossing proposed construction.

TRAFFIC CONTROL

The CONTRACTOR shall provide when required by any JURISDICTIONAL GOVERNMENTAL ENTITY, all signs, equipment, and personnel necessary to provide for safe and efficient traffic flow in all areas where the work will interrupt, interfere or cause to change in any form, the conditions of traffic flow that existed prior to the commencement of any portion of the work. The CLIENT may, at his discretion, require the CONTRACTOR to furnish traffic control under these or other circumstances where it may be necessary, the protection of its area. Emergency access to be maintained at all times and areas authorized by the CLIENT or CLIENT's construction representative, all existing access points shall be maintained at all times by the CONTRACTOR. The need for traffic control shall be anticipated by the CLIENT.

WORK AREA

The CONTRACTOR, his agents and employees and their employees and all equipment, machinery and vehicles shall confine their work within the boundaries of the project or work area specified by the Client. The CONTRACTOR shall be solely liable for damage caused by him or his agents and employees and their equipment, machinery and vehicles on adjacent property or areas outside designated work areas.

UTILITY POLES

It shall be the responsibility of the CONTRACTOR to arrange for the relocation or bracing of existing utility poles that may be within the working limits of this contract. It is expressly understood that all work and costs connected with the maintenance of these utility poles, their temporary relocations, etc., shall be the responsibility of the CLIENT or the CONTRACTOR.

RESTORATION

It is the intent of these SPECIFICATIONS that cleanup and final restoration shall be performed immediately upon completion of each phase of the work, both inside and outside the Project, or when so directed by the CLIENT so that these areas will be restored as nearly as possible to their original condition or better, and shall include but not be limited to, restoration of maintained lawns and rights-of-way, roadways, driveways, sidewalks, ditches, bushes, hedges, trees, shrubs, fences, mailboxes, sewers, drain tiles, water mains, etc.

CLEANING UP

The CONTRACTOR shall at all times keep the premises free from accumulations of waste material or rubbish caused by his employees or work, and at the completion of the work he shall remove all his rubbish, tools, scaffolding and surplus materials and shall leave his work "broom clean" or its equivalent, unless more exactly specified.

ROAD CLEANING

The CONTRACTOR shall maintain roadways adjoining the project site free from mud and debris at all times. If mud and/or debris is carried onto the roadways from vehicles entering onto the highway from either the CONTRACTOR's trucks, his employees' vehicles, or his material suppliers, the CONTRACTOR shall immediately remove said mud and/or debris.

SAFETY AND PROTECTION

The CONTRACTOR shall be solely responsible for the conditions of the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and not be limited to normal working hours. The CONTRACTOR shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR's duties and responsibilities for safety and for protection of the work shall continue until such time as all work is completed and the CLIENT has notified CONTRACTOR that the work is acceptable. The duties of the ENGINEER shall not include review of the adequacy of either CONTRACTOR's or the general public's safety in or near the construction site.

HOLD HARMLESS

To the fullest extent permitted by law, any CONTRACTOR, material supplier or other entity by use of these plans and specifications hereby waives any right of action, claim or cause of action, and agrees to indemnify, defend, save and hold harmless the CLIENT and ENGINEER and its agents, employees and consultants from and against all manner of claims, causes, effects of action, damages, losses and expenses, including but not limited to, attorney fees arising out of, resulting from or in connection with the performance of any work, pursuant to or with respect to these plans and specifications. However, this indemnity shall not be construed to indemnify ENGINEER, its consultants, agents or employees against its own negligence.

Claims, damages, losses and expenses as these words are used in the Agreement shall mean and include, but not be limited to (1) injury or damage occurring by reason of the failure or use or misuse of any hoist, rigging, blocking, scaffolding or any and all other kinds of items of equipment, whether or not such equipment is supplied by any part of the Client, including the Client's subcontractor; (2) all attorney's fees and costs incurred in bringing an action to enforce the provisions of this indemnity; (3) costs of defense expenses by the indemnified party and its employees, at its usual rates plus costs or travel, long distance telephone and reproduction of documents and (4) consequential damages.

In any and all claims against the CLIENT or ENGINEER or any of their agents or employees and consultants by any party, including any employee of the CONTRACTOR or any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose account any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount of type of damages, compensation or benefits payable by or for the CONTRACTOR or any Subcontractor under workers' or workers' compensation acts, disability benefit acts or other employee benefit acts or any insurance maintained by CONTRACTOR or any Subcontractor or any other party.

INSURANCE

Any party engaged or relying on these plans, including any contractor, material supplier, or other entity shall obtain, (prior to commencing any work) general liability insurance insuring all damages and claims for any bodily injuries, death or property damage arising out of any work, including the construction work provided for in these plans, and shall name the CLIENT and ENGINEER and its consultants, agents and representatives as additional insureds under such insurance policy; provided that any party using or relying on these plans having obligations to maintain specific insurance by reason of any agreement with CLIENT or any CONTRACTOR or ENGINEER shall provide evidence and certificates of insurance as required by such contract or agreement. Such insurance must contain a clause stating that the insurance is primary coverage for ENGINEER and ENGINEER's other applicable coverage is considered secondary. Such insurance shall not limit any liability of any party providing work or services or providing materials.

THIRD PARTY BENEFICIARY

Manhard Consulting, Ltd., the ENGINEER, is intended to be a third party beneficiary of this willing agreement and requirement.

DETAILED SPECIFICATIONS

I. DEMOLITION

The CONTRACTOR shall coordinate with respective utility companies prior to the removal and/or relocation of utilities. The CONTRACTOR shall coordinate with the utility companies for the work which may be required to support the utility Company's forces and any fees which are to be paid to the utility company for their services. The CONTRACTOR is responsible for all demolition and removal of all fees and charges.

Should removal and/or relocation activities damage features indicated to remove, the CONTRACTOR shall provide new materials/structures in accordance with the contract documents. Except for materials designed to be relocated on this plan, all other construction materials shall be new.

Prior to demolition occurring, all erosion control devices are to be installed.

All existing utility lines and conduits located under proposed buildings shall be removed and properly backfilled. All utility lines and conduits located under driveways, parking lots or sidewalks shall be filled with a flowable backfill and end plugged. All existing structures shall be removed. All existing utility lines located under landscape areas shall be left in place and plugged at all structures.

The CONTRACTOR is responsible for demolition, removal and disposal (in a location approved by all JURISDICTIONAL GOVERNMENTAL ENTITIES) of all structures, pads, walls, fences, etc., such that the improvements shown on these plans can be constructed. All demolition work shall be in accordance with all applicable federal, state and local requirements. All facilities to be removed shall be undercut to suitable material and brought to grade with suitable compacted fill material per the specifications.

The CONTRACTOR is responsible for obtaining all permits required for demolition and disposal.

Electrical, telephone, cable, fiber optic cable and/or gas lines needing to be removed shall be coordinated by the CONTRACTOR with the affected utility company.

CONTRACTOR must protect the public at all times with fencing, barricades, enclosures, and other appropriate best management practices.

Continuous access shall be maintained for surrounding properties at all times during demolition.

The CONTRACTOR shall coordinate main work with the Fire Department and the JURISDICTIONAL GOVERNMENTAL ENTITY to plan the proposed improvements and to ensure adequate fire protection is available to the facility and site throughout this specific work and through all phases of construction. CONTRACTOR shall be responsible for any required water main shut offs with the JURISDICTIONAL GOVERNMENTAL ENTITY during construction. Any costs associated with water main shut offs will be the responsibility of the CONTRACTOR and no extra compensation will be provided.

CONTRACTOR shall maintain all existing parking areas, sidewalks, driveways, etc. clear and free from any construction activity and/or material to ensure easy and safe pedestrian and vehicular traffic to and from the site. CONTRACTOR shall coordinate/phase all construction activity within proximity of the building and utility interruptions with the facility manager to minimize disturbance and inconvenience to facility operations.

CONTRACTOR may limit saw-cut and pavement removal to only those areas where it is required as shown on these construction plans, however if any damage is incurred on the portion of the surrounding pavement, etc. the CONTRACTOR shall be responsible for its removal and repair.

Any existing wells encountered shall be exposed and sealed 3' below proposed finish grade by the CONTRACTOR in accordance with Section 920.120 (latest edition) of the Illinois Water Well Construction Code, Department of Public Health, and all applicable local rules and regulations. CONTRACTOR is responsible for obtaining all permits required by the JURISDICTIONAL GOVERNMENTAL ENTITIES for abandoning existing wells.

Any existing septic tanks and grease traps encountered shall have all liquids and solids removed and disposed of by a licensed commercial hauler in accordance with JURISDICTIONAL GOVERNMENTAL ENTITY regulations, and the tank and grease traps shall then be filled with suitable materials or removed from the site and disposed of by the CONTRACTOR.

Voids left by any item removed under any proposed building, pavement, walk, etc. or within 24' thereof shall be filled and compacted with suitable materials by the CONTRACTOR.

The CONTRACTOR shall be responsible for the disconnection of utility services to the existing buildings prior to demolition of the buildings.

Any material containing asbestos found within existing structures shall be removed from the site and disposed of off-site by the CONTRACTOR in accordance with County, State and Federal regulations.

CONTRACTOR shall submit a daily program of dust control and shall submit and obtain JURISDICTIONAL GOVERNMENTAL ENTITY approval of dust control measures prior to demolition of any structures. Modification of dust control procedures shall be performed by the CONTRACTOR to the satisfaction of the JURISDICTIONAL GOVERNMENTAL ENTITY as requested.

The CONTRACTOR shall coordinate all demolition with the JURISDICTIONAL GOVERNMENTAL ENTITY and CLIENT to ensure protection and maintenance of sanitary sewer and water utilities as necessary and to provide stormwater conveyance until new facilities are constructed, tested and placed into operation.

The locations of all existing utilities shown on this plan have been determined from the best information available and are given for the convenience of the CONTRACTOR and are not to be construed as being accurate or reliable. The CONTRACTOR assumes no responsibility for their accuracy or reliability.

Other locations of existing utilities shall be determined by the CONTRACTOR and the CLIENT shall notify the utility companies for location of existing utilities and shall verify existing conditions and proceed with caution among any anticipated features.

The CONTRACTOR is responsible for removing the existing irrigation system in the areas of proposed improvements. The contractor shall cap the existing irrigation system to remain such that the remaining system shall continue to function properly.

The parking lot shall be completed in sections such that it does not interrupt the facility operations. The CONTRACTOR shall coordinate with the construction manager for work to be performed.

II. EARTHWORK

STANDARDS

This work shall be completed in conformance with the applicable sections of the Standard Specifications for Road and Bridge Construction, Department of Transportation, State of Illinois, latest edition, unless otherwise indicated.

SOIL BORING DATA

Copies of results of soil boring and reports, if such borings were taken by the CLIENT in the vicinity of the proposed construction site, should be made available by the CLIENT to the CONTRACTOR. These borings are presented for whatever purpose the CONTRACTOR chooses to make of them. The ENGINEER makes no representation regarding the sufficiency or accuracy of the bore holes taken, nor of the accuracy or reliability of the information given in the results thereof.

Further, the ENGINEER does not assume responsibility for the possibility that during construction, the soil and groundwater condition may be different than indicated. Neither does the ENGINEER assume responsibility for the protection of soil and groundwater at location where borings. The CONTRACTOR is required to make his own surface investigations as necessary and his own calculations and cross sections to determine site soil conditions and earthwork volumes. The ENGINEER makes no representation regarding earthwork quantities or that the earthwork for this project will balance due to the varying field conditions; changing soil types, allowable construction to tolerances and construction methods that are beyond the control of the ENGINEER.

EARTHWORK CALCULATIONS AND CROSS SECTIONS

The CONTRACTOR understands that any earthwork calculations, quantities or cross sections that have been furnished by the ENGINEER are for information only and are provided without any guarantee by the CLIENT or ENGINEER whatsoever as to their sufficiency or accuracy. CONTRACTOR warrants that he has performed his own subsurface investigations as necessary and his own calculations and cross sections to determine site soil conditions and earthwork volumes. The ENGINEER makes no representation regarding earthwork quantities or that the earthwork for this project will balance due to the varying field conditions; changing soil types, allowable construction to tolerances and construction methods that are beyond the control of the ENGINEER.

CLEARING, GRUBBING AND TREE REMOVAL

The site shall be cleared, grubbed, trees and stumps removed where designated on the PLANS. Trees designated to remain shall be protected from damage.

TOPSOIL STRIPPING

Upon completion of demolition, clearing, grubbing and tree removal, all topsoil shall be stripped from under all buildings and pavements areas, and other areas necessary to complete the work. Topsoil stripped shall be placed in stockpiles in locations as designated by the CLIENT.

TOPSOIL RESTRIPPING

Upon completion of roadway and/or parking lot improvements and installation of underground utilities a minimum of four inches (4") of topsoil shall be reserved over all unpaved areas which have been disturbed by earthwork construction, except building pads and other designated areas, which shall be kept free from topsoil.

SEEDING

Upon completion of topsoil restrip, the CONTRACTOR shall apply seed and fertilizer to all resurfaced areas in accordance with IDOT standards or as designated on landscape drawings and specifications provided by the CLIENT.

SODDING

Upon completion of topsoil restrip, the CONTRACTOR shall install sod to all areas designated on the plans or as designated on the landscape drawings and specifications provided by the CLIENT.

CLEARING, GRUBBING AND EMBANKMENT

Upon completion of topsoil stripping, all excavation and embankments shall be completed as shown on the PLANS. All suitable excavated materials shall be hauled, placed (moisture conditioned if necessary) and compacted in the embankment areas. The CONTRACTOR shall include all dewatering, temporary ditching and culverts necessary to complete the excavation and embankment.

SPECIFICATIONS INCLUDED

Specifically included in the scope of Excavation and Embankments is grading and shaping of all cut or fill areas including swales and ditches; handling of sewer, spoil, etc., and all work required to provide positive drainage at the end of each working day and upon completion of a section.

THE CONTRACTOR

The CONTRACTOR shall be responsible for the excavation of all swales and ditches and for the excavation or filling of roads, building pads and parking lots within the work limits to 10' & grades shown on the plans. He shall be responsible for obtaining compaction in accordance with the minimum values listed in the table below for all embankments unless more stringent values are listed in the soils report or are approved by the CLIENT, and to use any method approved by the CLIENT necessary to obtain this compaction (i.e., soil fabric or any underdraining that may be required).

PERCENT

Compaction

Pavement &

Manhard CONSULTING LTD

800 Woodland Parkway, Vernon Hills, IL 60061 Ph: 847.854.8550 Fax: 847.854.0055
Civil Engineers Surveyors & Landscapers Architects Planners
Construction Managers Environmental Consultants

PROPOSED ALDI EXPANSION

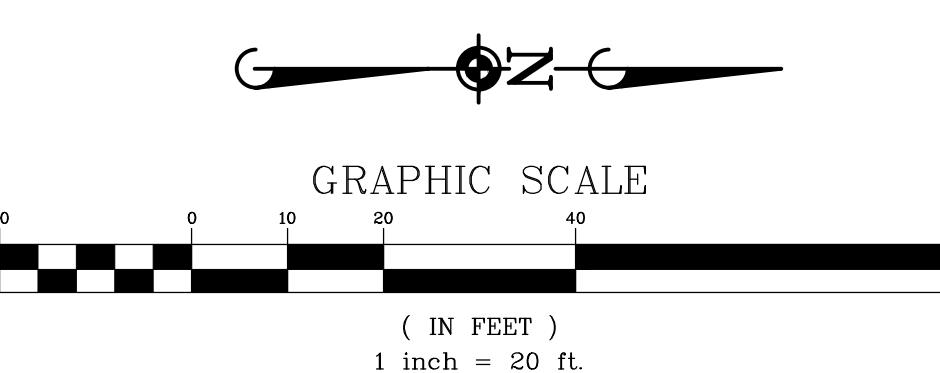
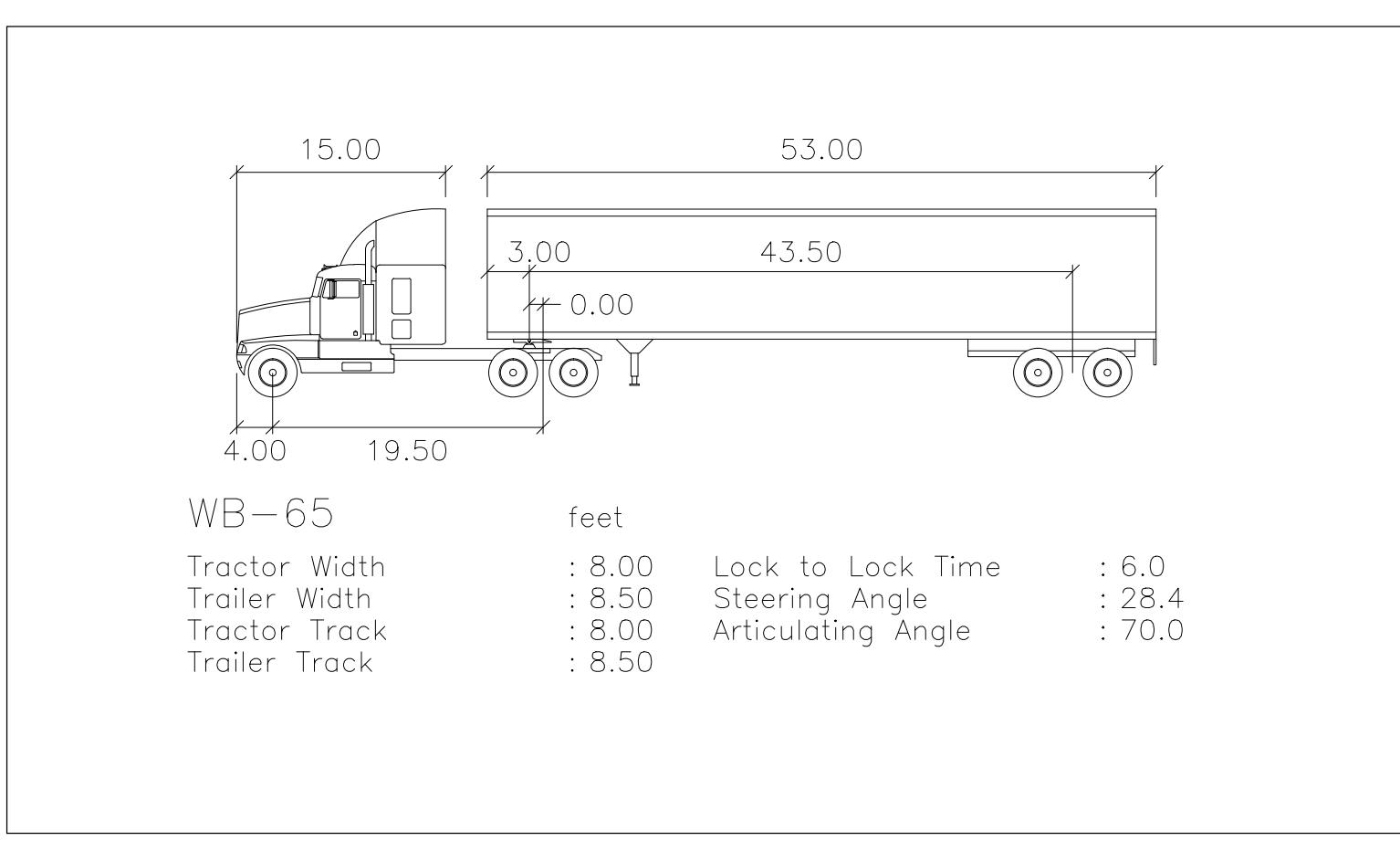
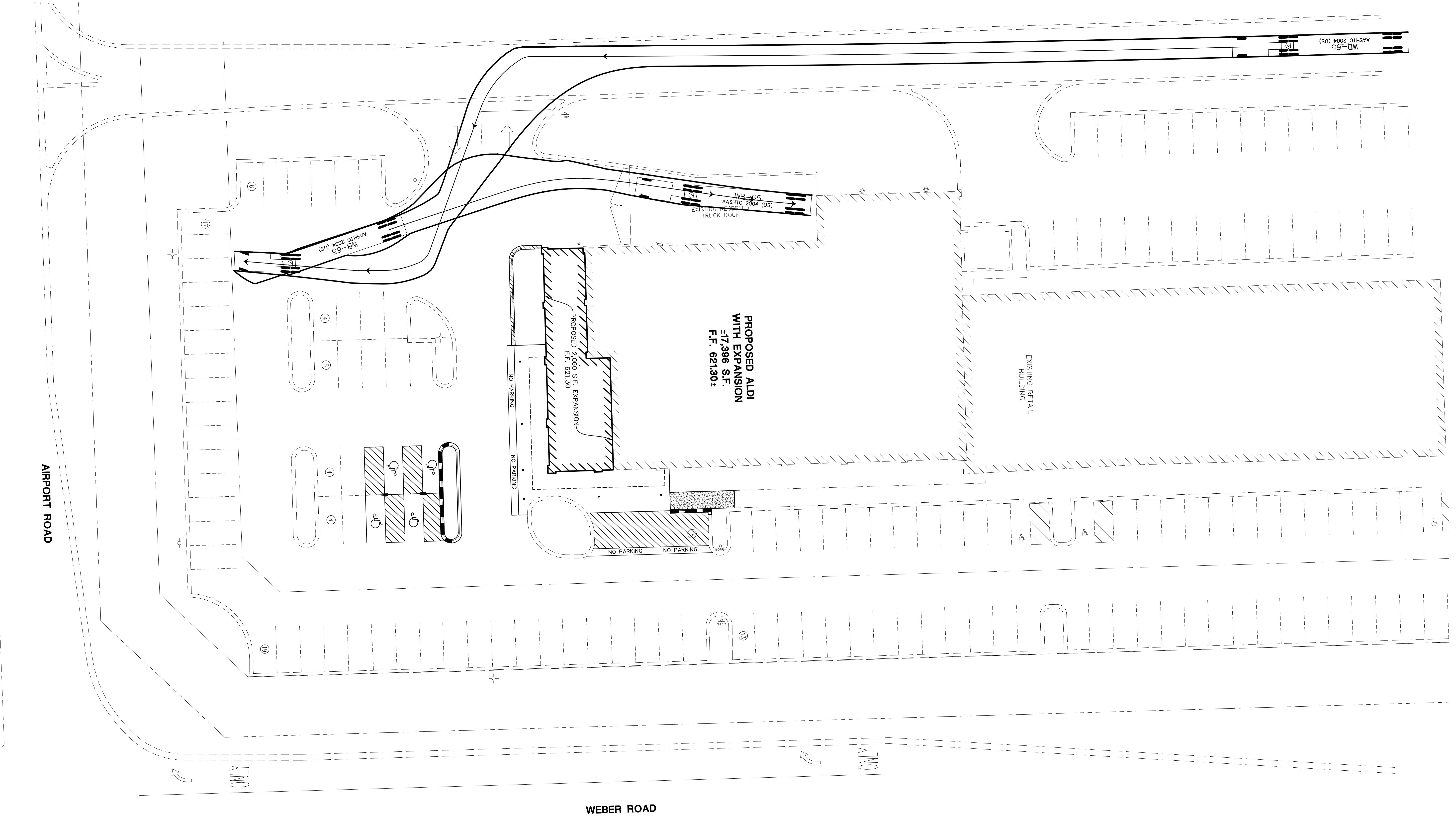
VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

TRUCK TURN - IN EXHIBIT

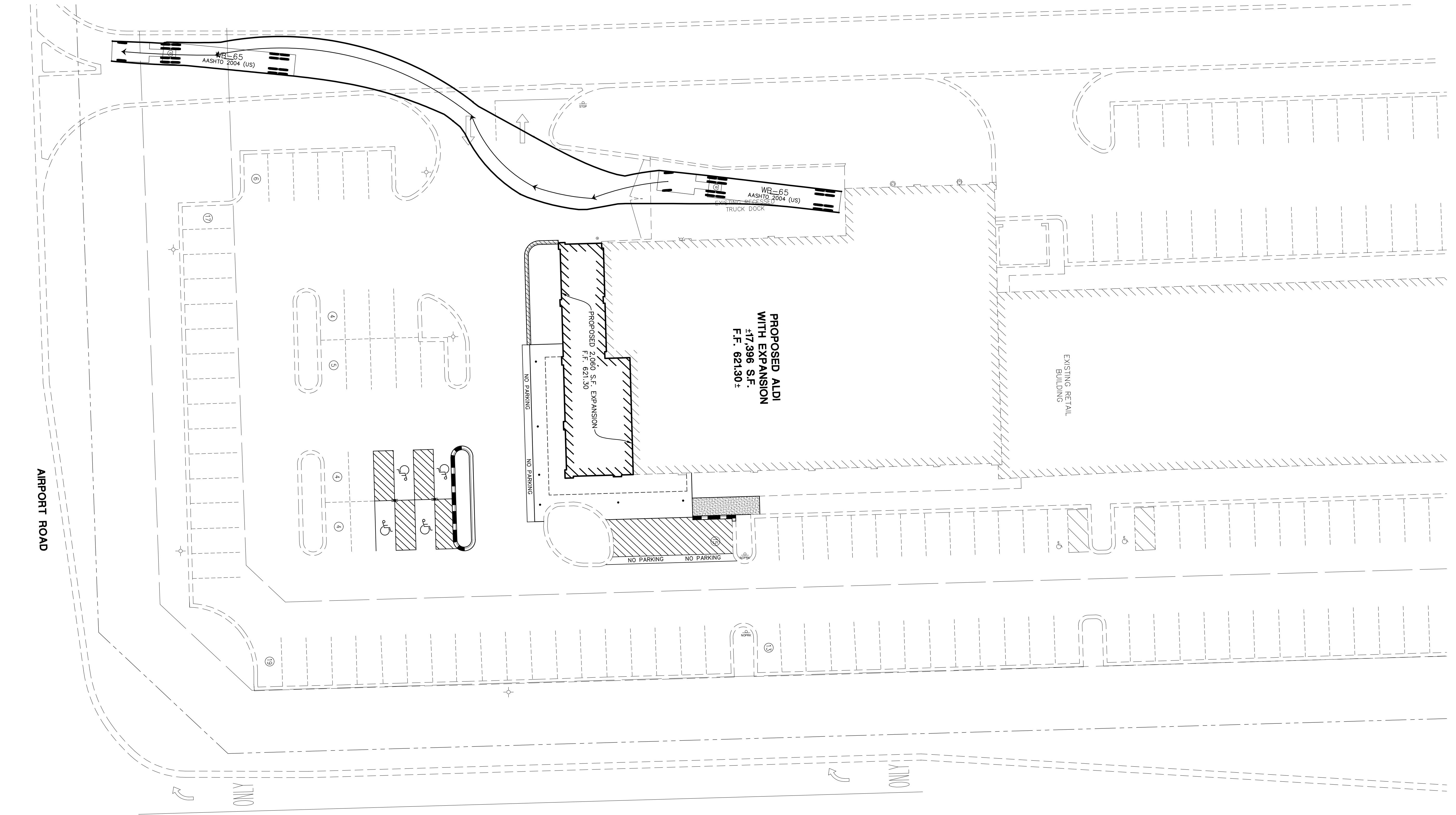
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1 OF 2
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DRAWN BY	...
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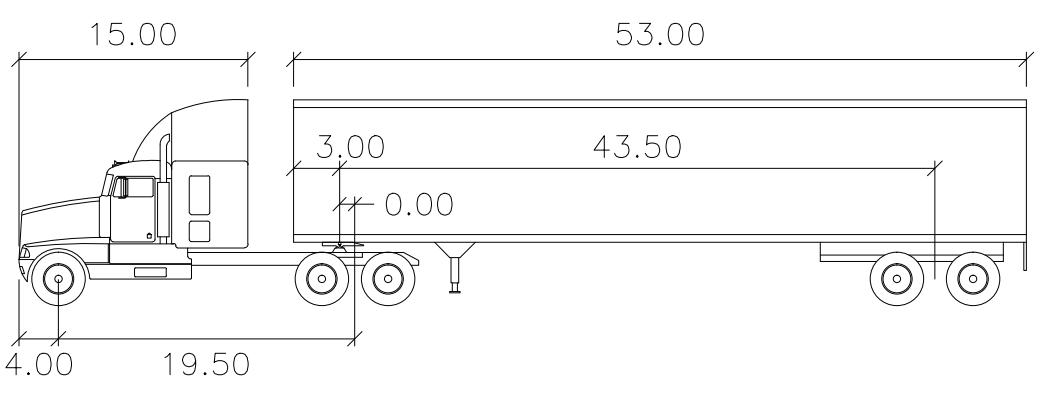
PROJ. MGR.:	FF
PROJ. ASSOC.:	DBM
DRAWN BY:	JCM
DATE:	11-01-16
SCALE:	1"=20'
SHEET	1



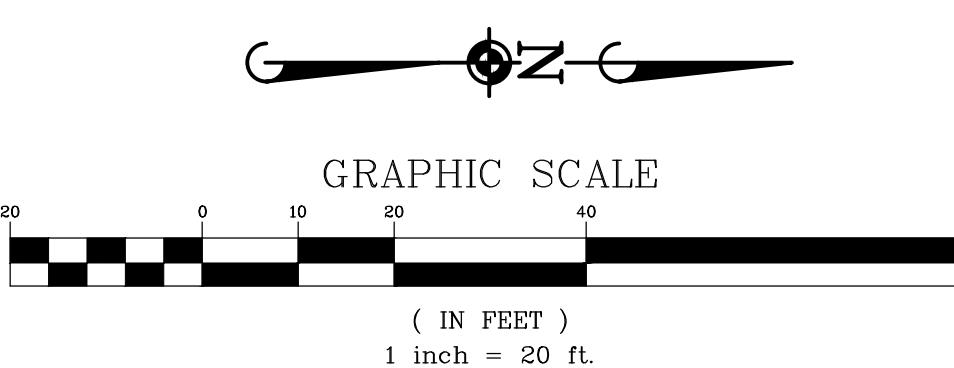
PROPOSED ALDI EXPANSION

VILLAGE OF ROMEOVILLE, WILL COUNTY, ILLINOIS

TRUCK TURN - OUT EXHIBIT



WB-65
Tractor Width : 8.00 Lock to Lock Time : 6.0
Trailer Width : 8.50 Steering Angle : 28.4
Tractor Track : 8.00 Articulating Angle : 70.0
Trailer Track : 8.50



(IN FEET)

1 inch = 20 ft.

