GENERAL NOTES

1. Underground utilities have been plotted from available information and therefore their locations shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans shall be the responsibility of the contractor, and shall be located prior to any grading or construction of the

2. All filled places under proposed storm and sanitary sewer, proposed roads, and/or paved areas shall be compacted to 90% of the maximum density as determined by the "Modified AASHTO T-180 Compaction Test. or 95% of maximum density as determined by the standard Proctor Test AASHTO T-99. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations. All filled places in proposed roads shall be compacted from the bottom up. All test shall be verified by a soil engineer concurrent with grading and backfilling operations. Ensure the moisture content of the soil in the fill areas is to correspond to the compactive effort as defined by the Standard or Modified Proctor Test. Optimum moisture content shall be determined using the same test that was used for compaction. Soil compaction curves shall be submitted to The City of O'Fallon prior to the placement of fill. Proof rolling may be required to verify soil stability at the descretion of The City of O'Fallon.

- 3. No area shall be cleared without the permission of the Project Engineer.
- 4. The City of O'Fallon shall be notified 48 hours prior to construction for coordination and inspection.
- 5. All existing site improvements disturbed, damaged or destroyed shall be repaired or replaced to closely match pre-construction conditions.
- 6. All construction and materials shall conform to the current construction standards of the City of O'Fallon.
- 7. Any permits, licenses, easements, or approvals required to work on public or
- private properties or roadways are the responsibility of the developer.

8. No slopes shall exceed 3(Horizontal): 1(Verticle).

adjacent roadways, properties and ditches.

9. The Contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The Contractor shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences (possible methods of control are detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the Owner and/or the City of O'Fallon and/or MODOT. The Contractor's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The Owner and/or the City of O'Fallon and/or MODOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of silts or mud on new or existing pavement or in new or existing storm sewers or swales shall be removed after each rain and affected

areas cleaned to the satisfaction of the Owner and/or the City of O'Fallon and/or MODOT.

10. Erosion control systems shall not be limited to what is shown on the plan. Whatever means necessary shall be taken to prevent siltation and erosion from entering natural streams and

11. All building mounted lights shall be pointed downward and fully screened to prevent light from spilling over onto adjacent properties

- 12. All ground and roof hvac mechanical units to be screened from view.
- 13. The Developer must supply City Construction Inspectors with soil reports prior to or during
- 14. All paving to be in accordance with St. Charles County standards and specifications except as modified by the City of O'Fallon ordinances.

15. All sidewalks, curb ramps, ramps and accessible parking spaces shall be constructed in accordance with the current approved "Americans with Disabilities Act Accessibility Guidelines" (ADAAG) along with the required grades, construction materials, specifications and signage. If any conflict accurs between the above information and the plans, the ADAAG guidelines shall take precedence and the contractor prior to any construction shall notify the Project Engineer. Ensure at least one 8' wide handicap access aisle is provided and curb ramps do not project

16. Brick shall not be used in the construction of storm or sanitary sewer structures.

17. The Contractor shall ensure all storm and sanitary sewer joint shall be gasketed 0-Ring

18. Lighting values will be reviewed on the site prior to the final occupancy inspection. Corrections will need to be made if not in compliance with City standards.

- 19. All proposed fencing requires a separate permit through the Planning Division.
- 20. All sign locations and sizes must be approved separately through the Planning Division.
- 21. All sign post and backs and bracket arms shall be painted black using Carboline Rustbond Penetrating Sealer SG and Carboline 133 HB paint (or equivalent as approved by the City of O'Fallon and MoDOT). Sign designating street names shall be on the opposite side of the street from traffic control signs.
- 22. All new utility line shall be located underground.

23. All erosion control systems shall be inspected and necessary corrections shall be made within 24 hours of any rainstorm resulting in one—half inch of rain or more.

24. All graded areas that are to remain bare for over 2 weeks shall be seeded and mulched per

25. Rip-rap shown at flared ends will be evaluated in the field after installation for effectiveness and field modificied if necessary to reduce erosion on and off-site.

26. Marking to be provided on storm sewer inlets. The City will allow the following markers and adhesive procedures only as shown in the table below. "Peel and Stick" adhesive pads will not be

Manufacturer	Size	Adhesive	Style	Message (Part #)	Website
ACP International	3 7/8"	Epoxy	Crystal Cap	No Dumping Drains To Waterways (SD—W—CC)	www.acpinternational.com
DAS Manufacturing, Inc.	4"	Epoxy	Standard	No Dumping Drains To Stream (#SDS)	www.dasmanufacturing.com

27. Developer must supply City Construction inspectors with soil reports prior to or during site soil testing. The soil report will be required to contain the following information on soil test curves (Proctor reports) for projects within the City:

- 1. Maximum dry density 2. Optimum moisture content
- 3. Maximum and minimum allowable moisture content
- 4. Curve must be plotted to show density from a minimum of 90% Compaction and above as determined by the "Modified AASHTO T—180 Compaction Test" (A.S.T.M.-D-1157) or from a minimum of 95% as determined by the "Standard Proctor Test ASSHTO T-99, Method C"
- (A.S.T.M.-D-698). Proctor type must be designated on document. 5. Curve must have at least 5 density points with moisture content and
- 6. Specific gravity. 7. Natural moisture content.

sample locations listed on document.

- 8. Liquid limit.
- 9. Plastic limit.
- Be advised that if this information is not provided to the City's Construction Inspector the City will not allow grading or construction activities to proceed on any project site.

LANDSCAPE LEGEND

INDICATES PROPOSED EVERGREEN OR ORNAMENTAL SHRUB QTY (32) ~ (mugho pines, yews, junipers, hollies, boxwoods) (spireas, forsythia, barberries,privets, lilacs)

QTY. (37) ~

QTY. (22) ~

(ashes, oaks, maples, birches, sweet gum) (minimum 2 1/2" caliper) LANDSCAPING AS DEPICTED IS SUBJECT TO FINAL DESIGN BY A QUALIFIED LANDSCAPE DESIGNER

INDICATES PROPOSED DECIDUOUS SHADE TREE

INDICATES PROPOSED EVERGREEN TREES

LANDSCAPING AS DEPICTED IS SUBJECT TO FINAL DESIGN BY A QUALIFIED LANDSCAPE DESIGNER

GENERAL NOTES CONTINUED

28. Each fire hydrant shall not have less than two 2-1/2 inch outlets and one 4-1/2 inch outlet, a 5-1/4 inch valve, a 6 inch barrel and shall be of the breakaway design, frost free with chain, left hand open design and have national standard threads.

29. Fire hydrant shall be provided with a control valve in the hydrant connection such that the hydrant can be removed from service without shutting off water supply to other fire hydrants.

30. In setting hydrants, due regard shall be given to final grade line. The center of a hose nozzle outlet hall not be less that (18) inches above grade and the outlets must face the street or access drive.

standards, mailboxes, etc. within six (6) feet of any fire hydrant, and/or fire department connection to an automatic sprinkler system. 32. The minimum fire flow from a single fire hydrant should be fifteen hundred (1500) gallons per minute at twenty psi residual pressure. Two(2)

new hydrants are being set on this site to provide fire protection. This

31. There shall be no obstruction, i.e. planting, bushes, trees, signs, light

building will have an automatic sprinkler system installed. 33. Results from a flow test by Wayne Automatic Sprinkler on December 02, 2005, provided results which will provide this site with a fire flow in excess of 3,000 gallons per minute with 20 psi residual pressure.

34. Public hydrants shall have the bonnets color coded in accordance with ordinance no. 13 of the Cottleville Fire Protection District. Private hydrants shall be painted entirely red.

35. A fire hydrant is required to be within 150 feet of a fire department connection to an automatic fire suppression system, if such a system is required or installed.

DUCKETT CREEK SANITARY DISTRICT CONSTRUCTION NOTES

entering the existing sewer system.

- 1. Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing or proposed sanitary and storm sewers, including house laterals.
- 2. All existing site improvements disturbed, damaged or destroyed shall be repaired or
- replaced to closely match preconstruction conditions. 3. The contractor shall prevent storm, surface water, mud and construction debris from
- 4. All sanitary sewer flowlines and tops built without elevations furnished by the engineer will
- be the responsibility of the sewer contractor. 5. Easements shall be provided for all sanitary sewers, storm sewers and all utilities on the
- 6. All construction and materials shall conform to the current construction standards of the Duckett Creek Sanitary District. 7. The Duckett Creek Sanitary District shall be notified at least 48 hours prior to construction
- 8. All sanitary sewer manholes shall be waterproofed on the exterior in accordance with
- Missouri Dept. of Natural Resources specification 10 CSR-8.120(7)(E). 9. All PVC sanitary sewer pipe shall conform to the requirements of ASTM D-3034 Standard Specification for PSM Polyvinyl Chloride Sewer Pipe, SDR-35 or equal, with "clean" 1/2 inch to 1 inch granular stone bedding uniformly graded. This bedding shall extend from 4 inches below the pipe to springline of pipe. Immediate backfill over pipe shall consist of same size "clean" or "minus" stone from springline of pipe to 6 inches above the top of pipe.
- 10. All sanitary and storm sewer trench backfills shall be water jetted. Granular backfill will be used under pavement areas.
- 11. All pipes shall have positive drainage through manholes. No flat invert structures are allowed.
- 12. Brick shall not be used on sanitary sewer manholes.
- 13. Existing sanitary sewer service shall not be interrupted.
- 14. Maintain access to existing residential driveways and streets.
- 15. Pre-manufactured adaptors shall be used at all PVC to DIP connections. Rubber boot/Mission-type couplings will not be allowed.
- 16. Any permits, licenses, easements, or approvals required to work on public or private properties or roadways are the responsibility of the developer.

GRADING QUANTITIES: MAIN LOT: 6.991 C.Y. CUT (INCLUDES SUBGRADE) 12.480 C.Y. FILL (INCLUDES 15% SHRINKAGE) 5,489 SHORT

INVENTORY LOT: 2,605 C.Y. CUT (INCLUDES SUBGRADE) 165 C.Y. FILL (INCLUDES 15% SHRINKAGE) 2,440 HEAVY

THE ABOVE GRADING QUANTITY IS APPROXIMATE ONLY, NOT FOR BIDDING PURPOSES. CONTRACTOR SHALL VERIFY QUANTITIES PRIOR TO CONSTRUCTION.



FIBER OPTICS MAY BE PRESENT

REFERENCE BENCHMARK:

RM 57: ELEVATION 548.01 PER FLOOD MAP COMMUNITY PANEL NO. 29183C 0430 E, A CHISELED SQUARE ON SOUTHWEST END OF SOUTH HEADWALL OF A CULVERT LOCATED AT THE JUNCTION OF U.S. HIGHWAY 40 AND COUNTY HIGHWAY K.

SHEET INDEX:

1. A Geotechnical Engineer shall be employed by the owner and be on site during

grading operations. All soils tests shall be verified by the Geotechnical Engineer

2. The grading contractor shall perform a complete grading and compaction

operation as shown on the plans, stated in these notes, or reasonably implied

there from, all in accordance with the plans and notes as interpreted by the

3. The Contractor shall notify the Soils Engineer at least two days in advance of

4. All areas shall be allowed to drain. All low points shall be provided with temporary

5. A sediment control plan that includes monitored and maintained sediment control

mulched. Care should be exercised to prevent soil from damaging adjacent property

basins and/or straw bales should be implemented as soon as possible. No graded

area is to be allowed to remain bare over the winter without being seeded and

6. Any existing trash and debris currently on this property must be removed and

tributaries should be removed, spread out and permitted to dry sufficiently to be

8. Site preparation includes the clearance of all stumps, trees, bushes, shrubs, and

weeds; the grubbing and removal of roots and other surface obstructions from the

site; and the demolition and removal of any man-made structures. The unsuitable

material shall be properly disposed of off-site. Topsoil and grass in the fill areas

9. Compaction equipment shall consist of tamping rollers, pneumatic-tired rollers,

Engineer. The roller shall be designed so as to avoid the creation of a lavered fill

10. The Soils Engineer shall observe and test the placement of the fill to verify that

specifications are met. A series of fill density tests will be determined on each lift

of fill. Interim reports showing fill quality will be made to the Owner at regular

11. The Soils Engineer shall notify the Contractor of rejection of a lift of fill or

notification from the Soils Engineer of its acceptance prior to the placement of

portion thereof. The Contractor shall rework the rejected portion of fill and obtain

12. All areas to receive fill shall be scarified to a depth of not less than 6 inches

benches, cut into the slopes before the placement of any fill. The width and height

to be determined by the Soils Engineer. The fill shall be loosely placed in horizontal

layers not exceeding 8 inches in thickness and compacted in accordance with the

the acceptability of soils placed. Any unacceptable soils placed shall be removed at

13. The surface of the fill shall be finished so that it will not impound water. If at

the end of a days work it would appear that there may be rain prior to the next

working day, the surface shall be finished smooth. If the surface has been finished

smooth for any reason, it shall be scarified before proceeding with the placement

tions continue when the temperature is such as to permit the layer under

24 hours of any rainstorm resulting in 1/2" of rain or more.

of succeeding lifts. Fill shall not be placed on frozen ground, nor shall filling opera-

14. All erosion control systems are inspected and necessary corrections made within

15. No slope shall be steeper than 3(Horizontal):1(Vertical). All slopes shall be sodded

16. All fill placed under proposed storm and sanitary sewer, proposed roads and/or

Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined

concurrent with the grading and backfilling operations. "Ensure the moisture content

of the soil in filled areas is to correspond to the compactive effort as determined

using the same test that was used for compaction. Soil compaction curves shall be

submitted to the City of O'Fallon prior to the placement of fill. Proof rolling may be

17. Any contaminated soil encountered during excavation shall be hauled and placed

18. Developer must supply City construction inspectors with soil reports prior to or

19. The Contractor shall assume complete responsibility for controlling all siltation and

control erosion of the project area. The Contractor shall use whatever means necessary

fabric fences (possible methods of control are detailed in the plan). Control shall commence

Owner and/or the City of O'Fallon and/or MoDOT. The Contractor's responsibilities include all

mud on new or existing pavement or in new or existing storm sewers or swales shall be removed

after each rain and affected areas cleaned to the satisfaction of the Owner and/or the City of

20. Graded areas that are to remain bare for over two (2) weeks shall be seeded and mulched

A wash down area must be provided by either the overall site developer or by the developments

with grading and be maintained throughout the project until acceptance of the work by the

design and implementation as required to prevent erosion and the depositing of silt. The

Owner and/or the City of O'Fallon and/or MoDOT may at their option direct the Contractor

22. Roadway must be kept clean and free of all mud, dirt, and debris at all time.

to control erosion and siltation including, but not limited to, staked straw bales and/or

erosion of the project area. The Contractor shall use whatever means necessary to

required to verify the soil stability at the discretion of the City of O'Fallon.

as directed by the owners environmental engineering representative.

by the Standard Proctor Test AASHTO T-99. All filled places in proposed roads shall be

compacted from the bottom of the fill up. All test shall be verified by a soils engineer

by the Standard or Modified Proctor Test. Optimum moisture content shall be determined

paved areas shall be compacted to 90% of maximum density as determined by the

specifications given below. The Soils Engineer shall be responsible for determining

and then compacted in accordance with the specifications given below. Natural

slopes steeper than 1 vertical to 5 horizontal to receive fill shall have horizontal

vibratory roller, or high speed impact type drum rollers acceptable to the Soils

shall be thoroughly disced prior to the placement of any fill. The Soils Engineer shall

7. Soft soil in the bottom and banks of any existing or former pond sites or

used as fill. None of this material should be placed in proposed right-of-way

concurrent with the grading and back filling operations.

and silting up existing downstream storm drainage system.

Geotechnical Engineer.

disposed of off-site.

the start of the grading operation.

locations or on storm sewer locations.

without proper blending of successive fill layers.

approve the discing operation.

placement to freeze.

or seeded and mulched.

during site soil testing.

O'Fallon and/or MoDOT.

per the Dept. of Natural Resources requirement.

and field modified if necessary to reduce erosion on and off site.

SHEET 1 COVER SHEET SHEET 2 SITE PLAN

SHEET 4 SITE / GRADING PLAN AND DRAINAGE AREA MAP FOR INVINTORY LOT SHEET 5 DRAINAGE AREA MAP SHEET 6 STORM SEWER PROFILES SHEET 7 CONSTRUCTION DETAILS

SHEET 8 CONSTRUCTION DETAILS

PRINCIPALS & STANDARDS: GRADING NOTES:

1. All excavations, grading, or filling shall have a finished grade not to exceed a 3:1 slope (33%). Steeper grades may be approved by the designated official if the excavation is through rock or the excavation or the fill is adequately protected (a designed head wall or toe wall may be required). Retaining walls that exceed a height of four (4) feet shall require the construction of safety guards as identified in the appropriate section(s) of the adopted BOCA Codes and must be approved by the City Building Department. Permanent safety guards will be constructed in accordance with the appropriate section(s) of the adopted BOCA Codes.

A SET OF AS-BUILT PLANS FOR

FRANK LETA HONDA

LOT A AND H OF O'FALLON AUTO MALL

PART OF LOTS 23 AND 24 OF JOHN COALTER'S

SUBDIVISION OF HOWELL'S PRAIRIE TRACT IN U.S.

SURVEY 1669, T.46 N., R.3 E.,

CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

- 2. Sediment and erosion control plans for sites that exceed 20,000 square feet of grading shall provide for sediment or debris basins, silt traps or filters, staked straw bales or other approved measures to remove sediment from run-off waters. Temporary siltation control measures shall be maintained until vegetative cover is established at a sufficient density to provide erosion control on the site.
- 3. Where natural vegetation is removed during grading, vegetation shall be re—established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible during the next seeding period after grading has been completed.
- 4. All graded areas that are to remain bare for over 2 weeks shall be seeded and mulched per DNR requirements. Between permanent grass seeding periods, temporary cover shall be provided.
- All finished grades (areas not to be disturbed by future improvement) in excess of 20% slopes (5:1) shall be mulched and tacked at the rate of 100 pounds per 1,000 square feet when seeded.
- 5. Provisions shall be made to accommodate the increased runoff caused by changed soils and surface conditions during and after grading. Unvegetated open channels shall be designed so that gradients result in velocities of 2 fps (feet per second) or less. Open channels with velocities more than 2 fps and less that 5 fps shall be established in permanent vegetation by use of commercial erosion control blankets or lined with rock riprap or concrete or other suitable materials. Detention basins, diversions or any other appropriate structures shall be constructed to prevent velocities above 5 fps.
- 6. The adjoining ground to development sites (lots) shall be provided with protection from accelerated and increased surface water, silt from erosion, and any other consequence of erosion. Run-off water from developed areas (parking lots, paved sites and buildings) above the area to be developed shall be directed to diversions, detention basins, concrete gutters and/or underground outlet systems. Sufficiently anchored straw bales may be temporarily substituted.
- 7. Development along natural watercourses shall have residential lot lines, commercial or industrial improvements, parking areas or driveways set back a minimum of 25 feet from the top of the existing stream bank. The watercourse shall be maintained and made the responsibility of the subdivision trustees or in the case of a site plan by the property owner. Permanent vegetation should be left intact. Variances will include designed stream bank erosion control measures. FEMA and U.S. Army Corps of Engineers guidelines shall be followed where applicable regarding site development areas designated as flood plains and wetlands.
- 8. All lots shall be seeded and mulched or sodded before an occupancy permit shall be issued except that a temporary occupancy permit may be issued by the Building Department in cases of undue hardship because of unfavorable ground conditions.

VEGETATIVE ESTABLISHMENT For Urban Development Sites Seeding Rates: APPENDIX A Permanent: Tall Fescue — 30 lbs./ac. Smooth Brome - 20 lbs./ac. Combined Fescue @ 15 lbs./ac. and Brome @ 10 lbs./ac.

Temporary: Wheat or Rye - 150 lbs./ac. (3.5 lbs. per 1,000 square foot) - 120 lbs./ac. (2.75 lbs. per 1,000 square foot)

Seeding Periods: Fescue or Brome — March 1 to June 1

Wheat or Rye - March 15 to November March 15 to September 15

Mulch Rates: 100 lbs. per 1,000 sq. feet (4,356 lbs. per acre)

Fertilizer Rates: 30 lbs./ac. Phosphate 30 lbs./ac. Potassium 30 lbs./ac. 600 lbs./ac. ENM*

> * ENM = effective neutralizing material as per State evaluation of quarried rock.

AS-BUILT PUBLIC UTILITY FINAL MEASUREMENTS

THE FOLLOWING UTILITIES HAVE BEEN LOCATED AND MEASURED AND THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF FINAL MEASUREMENT PLANS:

• STORM SEWERS, STORM SEWER LENGTHS, STORM SEWER PIPE SIZES, STORM SEWER FLOWLINES AND DEPTHS OF STORM SEWER STRUCTURES. ALL PUBLIC UTILITIES SHOWN HEREON AS BEING AS-BUILT ARE LOCATED WITHIN DESIGNATED EXISTING OR PROPOSED EASEMENTS.



O'FALLON P & Z #3101.05.02

<u>DEVELOPMENT NOTES</u>

1. Area of Tract: Lot A = 6.06 Acres Lot H = 1.55 Acres

2. Existing Zoning: C-2 PUD (City of O'Fallon)

3. Proposed Use: Automotive sales and service facility 4. Area of Building: Building Footprint=36,010 sq.ft

5. The required height and building setbacks are as follows: Minimum Front Yard: Minimum Side Yard: Minimum Rear Yard: Maximum Height of Building: Not to exceed 50'

6. Site is served by:

Duckett Creek Sanitary District 636-441-1244 1-800-55-ASKUE AmerenUE Company 636-946-8937 Laclede Gas Company 636-561-3737 P.W.S.D.#2 SBC Telephone Company 636-949-1301 Cottleville Fire Protection District 636-447-6655 The City of O'Fallon shall also be contacted at 636-379-5602 for utility

7. According to the Flood Insurance Rate Map of the City of O'Fallon, (Community Panel number 29183C 0430—E dated August 2, 1996) this property lies outside of the 500—year flood hazard area.

locates under it's maintenance responsibility. This may include Water,

- 8. Topographic information is per J.R. Grimes Consulting Eng. on U.S.G.S.
- 9. Parking Required: 1 parking space per 3,000 sq.ft. outdoor display lot

Sanitary, Storm, and Traffic locates.

- 35,226 sq.ft. outdoor display lot / 3,000 = 11.7 \sim 12 parking spaces 1 parking space per employee
- 35 employees (Max) x 1 = 35 spaces required 1 parking space per 500 sq.ft. service floor area 15,558 sq.ft. service floor area / 500 = 31.10 \sim 32 spaces required 1 parking space per 400 sq.ft. indoor display area.
- 1,026 sq.ft. indoor display / 400 = 2.6 \sim 3 spaces required 12 + 35 + 32 + 3 = 82 spaces required 133 parking spaces provided (including 4 handicap spaces)
- Inventory Lot: 131 parking spaces provided
- Bicycle Parking Required: 1 bicycle parking space for every 15 automobile (customer) parking space, a minimum of 4 spaces per building.

17 customer parking spaces / 15 = 1.13 \sim 2 bicycle spaces required

- 4 bicycle parking spaces provided (Minimum) 10. Site Coverage Calculations: Lot B - 6.06 Acre lot Building = 34,714 sq.ft. = 13%
 - Green Space = 57,342 sq.ft. = 22%Lot H - 1.55 Acre lot Pavement = 56,385 sq.ft. = 84% Green Space = 11,137 sq.ft. = 16%

Pavement = 171,905 sq.ft. = 65%

- 11. All site lighting shown is for presentation only and exact locations will depend on a lighting layout by a qualified lighting consultant. Prior to Construction Site Plan approval, a photometric lighting plan in accordance with the Cities Exterior lighting Standards shall be submitted for review and approval. Lighting values will be reviewed on site prior to the final occupancy inspection. Corrections will need tio be made if not in compliance with City
 - 165 N Meramac, Suite 500 St. Louis, Mo. 63105

Standards

- 13. All new utilities shall be located underground.
- 14. All electrical utilities and HVAC shall be screened as required by the Zoning Code. Any new transformers will be screened per City Ordinance.
- 15. All mechanical units shall be screened from public view. Rooftop units shall be screened by a parapet wall that extends around the entire perimeter of the building: the parapet shall have a minimum height that is at least as tall as the tallest unit mounted on the roof. Ground mounted HVAC and mechanical units shall be screened by fencing, vegetation, or some other means (approved by the Planning and Zoning Commissions) that has a minimum height that is at least as tall as the tallest unit being screened.
- 16. Landscape Required: 1 Tree for every 40', or portion thereof, of street frontage.
- $847.93 / 40 = 21.19 \sim 21$ trees required, 21 trees provided Interior Landscape Requirements: $52 \text{ spaces } \times 270 = 14,040 \text{ S.F.}$ 14.040 sq. ft. x 0.06 (%) = 842.40
- Total Interior Landscape Required: 842.40 S.F. Total Interior Landscape Provided: 4,487.77 S.F. 1 tree per 3,000 sq.ft. of landscaped open space:

 $57,342 / 3000 = 19.11 \sim 20$ trees required

- Inventory lot: 11,936 sq.ft. open space / 3000 = 3.97 \sim 4 trees required
- No trees being removed with this plan, therefore no trees preserved. Vehicle storage exempt from paragraph C.2 of landscape requirements for interior landscaping of lot.
- 17. No slope shall be steeper than 3:1.

the conditional use shall be revoked.

20 trees provided

- 18. All handicap ramps, signs, symbols and striping to comply with
- 19. All Storm, Detention, Sanitary, Water and all utilities to be designed and available at the Frank Leta site with the overall O'Fallon Auto Mall. Design and construction by others. All improvements which are designed and constructed by others shall be in place prior to the city issuing an occupancy in his methods as deemed fit to protect property and improvements. Any depositing of silts or
 - 20. All construction methods and practices to conform with OSHA Standards.
- 21. Detention provided by basin to be designed with the first phase of O'Fallon Auto Mall. Design and constructed by others. 22. Should this conditional use cease operations for a period of over one year. 21. Rip—Rap shown at flared ends will be evaluated in the field after installation for effectiveness
 - 23. No vehicles or vehicle parts may be worked on outside of the proposed
 - 24. No storage of any vehicles parts, or products, temporary or otherwise is permitted outside of the proposed buildings.
 - This development shall make use of pagers or "Nextel" phone systems to communicate within the development
 - The covenants, codes and restrictions (CC&R's) shall be written to restrict the use of raised metal pedestals. However, other means may be used to accentuate a vehicles capability, such as a rock mound, etc.
 - 27. All trash pickups shall not occur between the hours of 10:00p.m. and 7:00a.m.

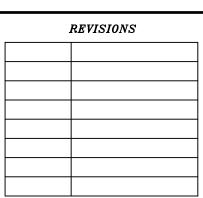
28. No loading/unloading operations of vehicles shall occur on Technology Drive.

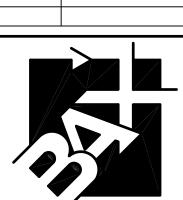
- All of the loading/unloading operations shall occur on—site and on the internal drive aisle between lots B, C, D and G, H, I. Furthermore, the loading/unloading operations shall not occur on the internal drive aisle along the East property line adjacent to the Hotel development.
- 29. Detention provided by basin to be designed with the first phase of O'Fallon Auto Mall. Design and constructed by others.
- 30. Site will be acquired after grading is completed by developer of O'Fallon Auto Mall. Tree line along the East property line as shown on Area Plan will remain. Therefore no trees are being removed or replaced with this plan.

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ISCLAIMER OF RESPONSIBILITY hereby disclaim any responsibility for all other drawinas, specifications, estimates reports or other documents or instruments relating to or ntended to be used for any par or parts of the architectural or engineering project or survey other than these authenticated b my seal.





ENGINEERING PLANNING

SURVEYING

221 Point West Blvd. St. Charles, MO 63301 636-928-5552 FAX 928-1718

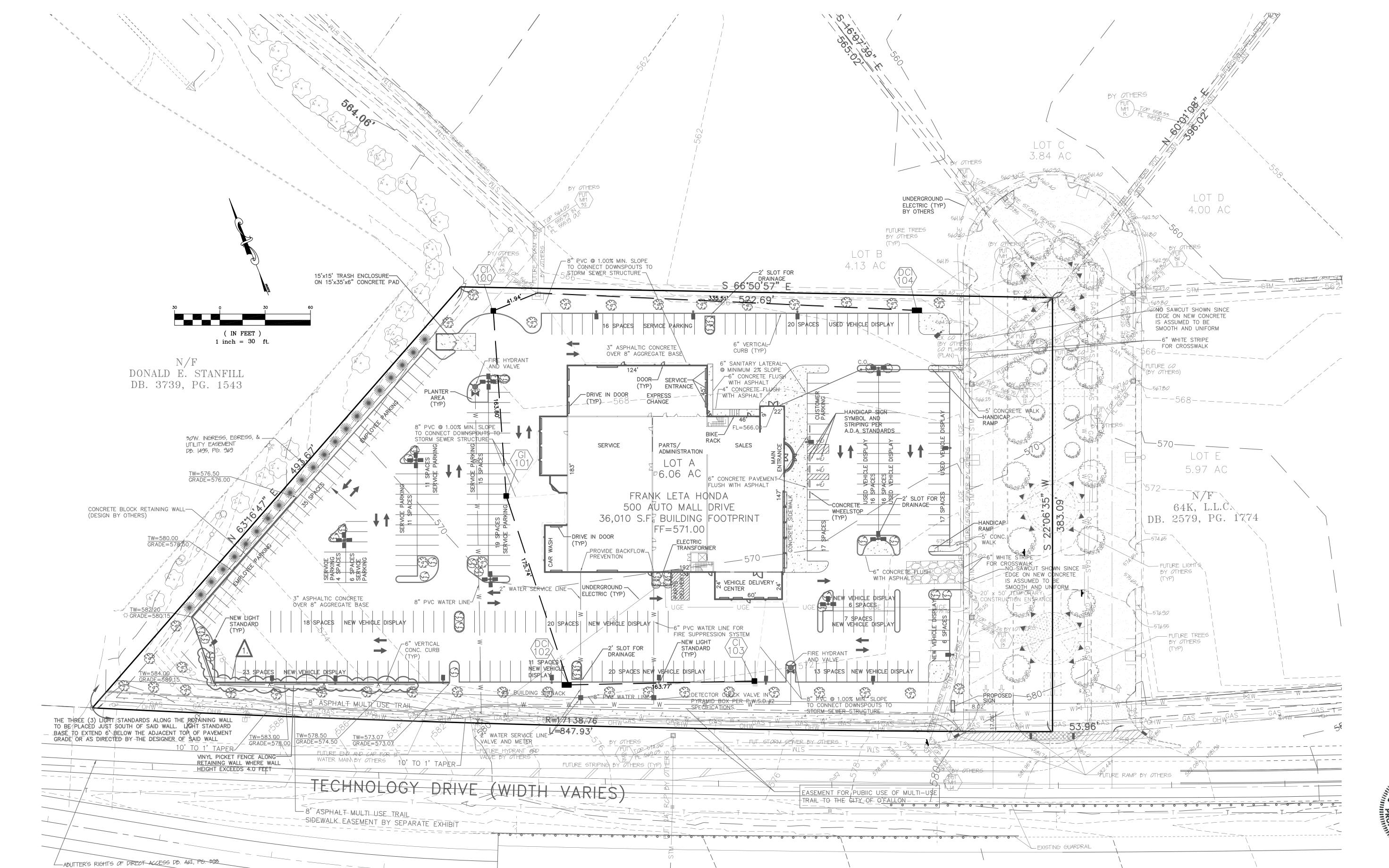
Bax Engineering Company, Inc. Missouri State Certificate of Authorit Engineering #000655 Missouri State Certificate of Authorit Surveying #000144

> 09/07/2018 05-13173A PROJECT NUMBER 1 of 8 SHEET OF

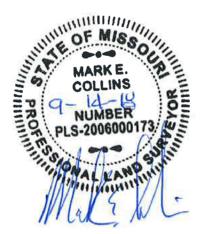
13173A ASB FILE NAME

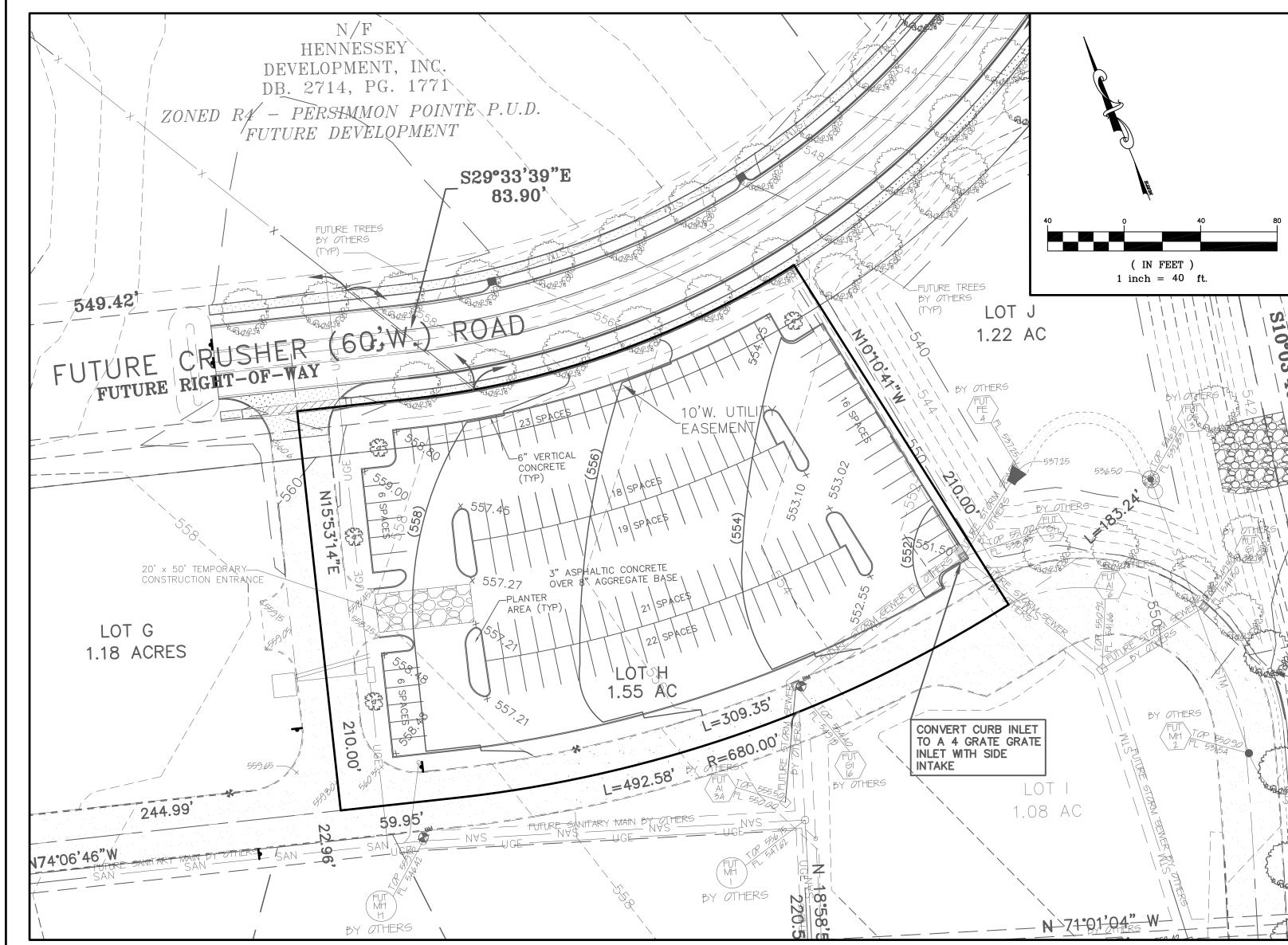
DRAWN CHECKED _G/ZA 9/05/18

SURVEY BY DATE

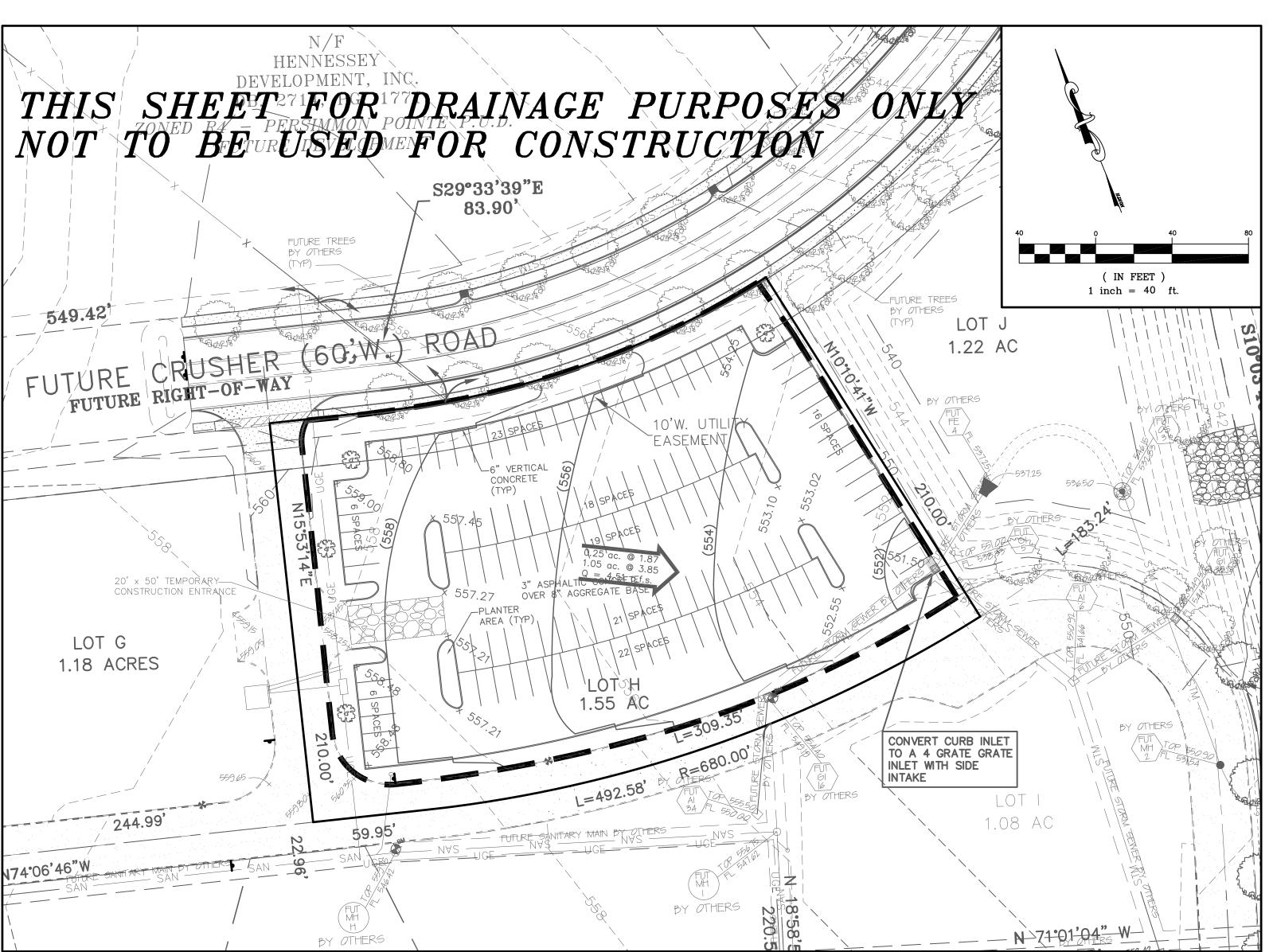








GRADING AND SITE PLAN FOR INVENTORY PARKING LOT
131 PARKING SPACES



DRAINAGE AREA MAP FOR INVENTORY PARKING LOT

131 PARKING SPACES

"KEEP ROADWAY CLEAR OF DIRT, MUD AND OTHER DEBRIS AT ALL TIMES"

