#### GENERAL NOTES:

- It is the contractor's responsibility to become familiar with the permit and inspection requirements of the various overmental agencies. The contractor shall obtain all necessary permits prior to construction, and schedule repetition according to agency instruction.
- All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work, including landscaping.
- At least 3 working days prior to construction the contractor shall notify the owner, engineer and appropriate Contractor shall submit for review to the owner's construction manager, shop drawings on all precast and manufactured items to use on this site. Construction manager's approval of a shop drawing does not relieve contractor's responsibility for performance of the item.
- Work performed under this contract shall interface smoothly with other work being performed on site by other contractors and utility companies. It is necessary for the contractor to coordinate and schedule his activities, where necessary, with other contractor's and utility companies.
- Materials and construction methods for streets and storm drainage construction shall be in accordance with the
- Contractor shall review soil reports and borings prior to bidding the project and commencing construction
- The contractor shall use each plan in conjunction with the entire set of drawings and job specifications. Do not remove or demolish anything without verifying and coordination with all electrical, plumbing, mechanical, general trades, and utility companies as they effect the overall project.
- Refer to architectural drawings for building dimensions.

#### **GENERAL DEMOLITION NOTES & SPECIFICATIONS:**

- The contractor is responsible to verify existing utilities prior to demolition and excavation
- The contractor is responsible to comply with all local, state and federal regulations in the removal/demolition of
- Contractor is responsible for all registrations, permits and fees required to remove and properly dispose of all
- Demolition contractor is responsible for obtaining approvals and notifications to all local, state and federal
- The contractor shall be responsible for the disconnection of the utility services to the existing structures prior to demolition of any buildings. The contractor shall coordinate with respective utility companies prior to the removal
- the utility company's forces and any fees which are to be paid to the utility company for their services. The contractor is not responsible for paying all fees and charges.
- The contractor is responsible for the demolition and removal of all structures, pads, walls, flumes, foundations parting, drives, frames structures of the collision of a training of a succurse, parts, mains, mains responsible for removing and dumping the debris in an approved, lawful manner
- All existing utilities are to be removed, terminated and capped at the right-of-way. All existing meters, valves, etc. are to be removed unless otherwise noted on the plans
- onsible for all costs involved in the removal or relocation of any utility. The contractor is responsible for coordination with applicable utility companies
- The contractor shall maintain all utility services to the existing adjacent businesses at all times. The contractor shall coordinate with the tenant and utility company for the relocation and/or removal of utilities if necessary vices shall not be interrupted without approval from the tenant.
- The site may be occupied by existing structures, storm lines, pavement, power poles and utilities. It is the contractor's responsibility to contact all utility companies that may have utilities on the site to get a determination if any utilities existing will be impacted. The contractor is responsible for determining if the utilities should be
- All areas where pavement, structure slabs, foundations, utilities, conduits, and/or utility structures have been removed shall be backfilled with select backfill material. All select backfill material shall be placed and compacted per the requirements of specifications and the owners geotechnical engineer.
- All existing fences, signs, power poles, and light poles located on-site shall be demolished and removed unless
- Existing cast in place septic tanks (if found on-site) shall be numbed by a licensed contractor. The septic tank
- Contractor is responsible for walking the site and determining extents of demolition work prior to bid date
- Existing manhole tops, valve boxes, etc. to remain are to be adjusted as required to match proposed grades. If necessary, re-adjustments shall be performed upon completion of paving and fine grading to ensure a smooth
- Contractor shall coordinate removal of existing electrical services on-site with the power company. Power company is responsible for the disconnection and removal of existing services unless other
- Limits of payement shown to be removed are approximate and for reference only. Cont limits of pavement to determine the extent of the existing r
- complete all new work as required by other protions of the contra
- Salvage rights for all demolished materials shall be first given to owner shall be removed from the site and disposed
- 24. Refer to survey for limits and boundary of pro

## **EROSION CONTROL NOTES:**

- The contractor shall construct the silt fencing as shown on the Erosion Control Plan at the perimeter of the
- Land distrubing activities shall be kept to a minimum and will not extend beyond the limits show
- place. Clearing and grubbing operations will be engaged in only as necessary to allow the placement of erosion and sediment control measures as shown until all such measures are in place.
- Contractor shall install temporary construction entrance prior to any earthwork operation
- Contractor shall maintain silt fences for the duration of the project until accepted by the owner at no expense to
- Contractor shall maintain erosion control facilities during the entire construction period. Facilities are not to be removed until completion of the project and the site is stabilized.
- Silt fences shall be cleaned or replaced when trapped sediment reaches 50 percent of the above ground fence height or a lower height based on manufacturer's specifications.
- Sediment and erosion control measures will be inspected on a daily basis and repaired, adjusted and mainta as needed or required by governing agencies at no additional expense to the owner to provide erosion and sediment control for the duration of construction and until all disturbed areas are stabilized.
- Contractor shall inspect on a daily basis for needed removal of any accumulated silts, debris, or repair of damaged silt fence at no additional expense to owner.
- All erosion control measures except the required rip rap are temporary devices. These temporary devices shall be removed prior to completion of construction once stabilization of all grassed areas are complete.
- Additional devices may be required as deemed necessary by governing authorities
- All graded areas shall be stabilized with a permanent fast growing cover and/or mulch upon completion of grading operations. Completion of grading operations does not mean at the end of the project. As soon as final grades are established in an unpaved area, the contractor shall stabilize with a temporary grass or permanent sod. If a temporary grass is applied, it will be the contractor's responsibility to apply a permanent seed or sod at the prop
- Fill slopes should be planted as soon as an area of the site is brought to final grade. Surface runoff shall be intercepted at the top of temporary and permanent slopes during construction so that water is not allowed to flow
- The general contractor and the grading contractor shall review there proposed grading sequence to insure that the least amount of land possible at any one time is disturbed with out permanent stabilization.
- Contractor shall be responsible to ensure compliance with the N.P.D.E.S. Stormwater requirements. This includes, but is not limited to, inspection requirements.
- Contractor is responsible for repairs or damage to any existing improvements during construction, such as, but not limited to, drainage, utilities, pavement, striping, curb, etc., and all repairs shall be equal to or better than

#### SITE PLAN NOTES:

- Boundary and topographic survey was prepared by Williams & Associates dated 12/21/2017.
- Contractor shall refer to plans by architect for exact locations and dimensions of vestibule, towers, slope paving columns, door locations, sidewalks, exit porches, ramps, precise building dimensions, and exact building utility
- service. Contractor shall coordinate installation of utilities in such a manner as to avoid conflicts and assure proper depths are achieved as well as coordinating with the regulatory agency as to the location and tie-in locations and/or connections to their facilities.
- Contractor shall be responsible for all relocations, including but not limited to, all utilities, storm drainage, sign traffic signals and poles, etc. as required for all site improvements. All work shall be in accordance with gover authorities specifications and shall be approved by such.
- Existing utility lines shown are approximate locations only. The contractor shall field verify all existing utility lin locations prior to any construction. Any deviations from the design locations shall be report
- See Cover Sheet for list of utility companies and contact p
- to beginning construction
- The contractor is responsible for the protection of all areas indicated to r buffers, all property corners, and coordination of a registered lar

- shall be done in accordance with the plans and specifications.
- All work and material shall comply with all regulatory agency's regulations and codes and O.S.H.A. standards

#### **DIMENSION NOTES:**

- All dimensions shown to building are to face of structural CMU.
- All curb dimensions are to the face of gutter of curb unless otherwise noted

## TANK NOTES:

TOP OF TANK ELEVATION= SEE GRADING PLAN

CONTRACTOR SHALL MAINTAIN A MINIMUM GROUND COVER OF 3' OVER UNDERGROUND STORAGE TANKS

#### **GRADING PLAN NOTES:**

- Topographic information was taken from a topographic survey by Williams & Associates dated 12/21/2017. If contractor does not accept the existing topography as shown on the plans, without exception, he shall have made, at his expense, a topographic survey by a registered land surveyor and submit it to the owner for review
- The contractor is specifically cautioned that the location and/or elevation of existing utilities (above and below ground) as shown on the these plans is based on record on either the various utility companies, visual bservations at the site, existing surveys and/or where possible, measurements taken in the field. Racetra coservations at the site, existing surveys almost where possible, indestinations haven in the lieu. Accordance Petrodoum does not guarantee that desiding utility locations area exact and the information in not to be relied on as being exact or complete. It shall be the responsibility of the contractor to determine the exact locations of existing utilities (above and below ground) before beginning any construction. The contractor must call the appropriate utility company at least forty-eight hours (48 hrs) 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 roposed improvements shown on the plans.
- It shall be the responsibility of the contractor to notify owner and/or engineer of any utility conflicts with the
- All cut or fill slopes shall be 2:1 or flatter unless otherwise noted
- Contractor shall verify horizontal and vertical location of all existing storm sewer structures, pipes, and all utilities
- Clearing and grubbing limits shall include all areas disturbed by grading operations. Contractor is responsible the protection of all undisturbed areas, all property corners, and coordination of a registered land surveyor to replace all pins eliminated or damaged during construction.
- Existing drainage structures to remain are to be inspected and repaired as needed, and existing pipes to be cleaned out to remove all silts and debris.
- 9. If any existing structures to remain are damaged during construction, it shall be the contractors responsibility to
- not limited to, drainage, utilities, pavement, striping, curbs, etc. and all repairs shall be equal to or better than existing conditions.
- All unsurfaced areas in disturbed by grading operations shall receive four inches (4") of topsoil, seed mulch,water, etc. Contractor shall grass disturbed areas in accordance with the landscape plan and City/Count
- Proposed spot elevations represent finished pavement or ground surface grade unless otherwise ne
- 13. Contractor shall trim, tack, and match existing pavement at locations where new

- Contractor to review boring logs provided by RaceTra
- All storm pipe entering structures shall be groute

# STORM DRAINAGE NOTES:

- ALL PIPES ENTERING STORM SEWER STRUCTURES SHALL BE SEALED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
- 2. REFERENCE DETAIL SHEETS FOR STORM WATER DETAILS.
- 3. THE CONTRACTOR SHALL SUBMIT BUDYANCY CALCULATIONS ON ALL RUNS OF PIPE THAT DO NOT UTILIZE CONCRETE PIPE BUDYANCY CALCULATIONS SHALL BE PREPARED, SIGNED, AND SEALED BY A REGISTERED ENGINEER. SHALL REPRESENT ACTULA, FIELD CONDITIONS, AND SHALL DEMONSTRATE THAT THE PIPE UTILIZED WILL NOT BECOME BUDYANT UNDER ANY CONDITIONS. THE COMTRACTOR MAY ELECT TO PROVIDE A RESTRAINING SYSTEM, DESIGNED BY A REGISTERED ENGINEER, ADEQUATE TO RESIST BUDYANT FORCES WHERE NECESSARY.

#### STRUCTURE TYPES:

- DRAINAGE STRUCTURES SHALL BE PRECAST OR CAST-IN-PLACE CONCRETE IN ACCORDANCE WITH GDOT REQUIREMENTS AND SPECS.
- TRENCH DRAINS SHALL BE AQUADUCT. PROVIDED BY RACETRAC AND INSTALLED BY GENERAL CONTRACTOR

## SITE SPECIFIC NOTES:

- INFIRACTOR TO SEE SHEET OF FOR AIRWAG SERVICE STATION ELECTRICAL REQUIREMENTS.
  CONTRACTOR TO PROVIDE SMALL CONCRETE UTILITY VAULTS FOR UTILITY JUNCTIONS. CONCRETE
  VAULT TO BE FLUSH WITH CONCRETE OF LANDSCAPING.
  AIRWAG SERVICE STATION ELECTRICAL CONDUITS TO BE 1".
  INCLUDE A WEATHER PROOF JUNCTION BOX INSIDE OF THE CONCRETE VAULT. LEAVE THREE (3)
  PULL STRINGS NISIDE CONDUIT FOR PUTURE USE.

### **PAVING & STRIPING NOTES:**

- Standard duty pavement areas shall be portland cement concrete. Details of the standard duty concrete pavement are provided on detail sheets
- Notify owner 3 days prior to pour of initial section of driveway paving. Racetrac representative to approve initial
- Testing of materials required for the construction of the paving improvements shall be performed by an agency, approved by the owner, for testing materials. It shall be the contractor's responsibility to ensure, by the standard
- All signs, pavement markings, and other traffic control devices shall conform to the "manual on unifo
- contractor shall review all traffic control devices with DOT prior to installation
- Contractor shall furnish and install all pavement markings for parking
- shall be placed under driveways for future use

- ioints at the end of a days pour. Slab contraction and slab
- repancies found by contractor related to underground utilities or other appurtenances shall be resolved sfaction of owner and engineer prior to placement of any paving. Contractor to ensure positive drainag from the proposed buildings and no ponding in subgrade of areas to be paved, and notify owner and engineer any discrepancies are found prior to installation of any paving.
- Existing manhole tops, valve boxes, etc. to remain are to be adjusted as required to match proposed grades. If necessary, re-adjustments shall be performed upon completion of paving and fine grading to ensure a smooth
- All joints shall extend through the curb.
- All pavement to be sloped for positive drainage

#### **UTILITY NOTES:**

- The contractor is specifically cautioned that the location and/or elevation of existing utilities (above and below ground) as shown on the these plans is based on record on either the various utility companies, visual observations at the site, existing surveys and/or where possible, measurements taken in the field. Reactera Petroleum does not guarantee that existing utility locations area exact and the information is not to be relied on as being exact or complete. It shall be the responsibility of the contractor to determine the exact locations of existing utilities (above and below ground) before beginning any construction. The contractor must call the appropriate utility company at least forty-eight hours (46 hrs.) 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
- existing utility line locations prior to any construction. Any deviations from the design locations shall be reported to the owner and engineer of record prior to construction.
- 3. Contractor to remove or relocate when applicable, all existing buildings, foundations, easements, and connecting improvements, drain pipes, sanitary sewor pipe, power poles and guy wires, water meters and water lines, wells, sidewalks, sign poles, underground gas, septic takes, and asphalt, shown and not show, within construction limits and where needed, to allow for fill material, unless otherwise denoted, to be removed as unclassified excavation.
- 5. Contractor shall refer to architects plans and specifications for actual location of all utility entrances to include Contractor shall refer to architects plans and specifications for actual location of a utility antianocts to indi-sanilary sewer listeria, domestic and fire protection water service, electrical, and telephone. Contractor is coordinate installation of utilities in such a manner as to avoid conflicts and assure proper depths are achi well as coordinating with city utility requirements as to locations and scheduling for tie-ins/connections pri-connecting existing facilities.
- Contractor shall coordinate with architectural plans, power company, & telephone company for actual routing of power and telephone service to building.
- 7. See detail sheets for backfilling and compaction requirements on utility trenche
- Contractor shall comply to the fullest extent with the latest standard of OSHA directives or any other agency having jurisdiction for excavation and trenching procedures. The contractor shall use support systems, sloping, benching, and other means of protection. This to include but not limited to, access and egress from all excavation and trenching. The contractor is responsible for complying with the performance criteria for OSHA.
- 9. Contractor shall coordinate with other utilities to assure proper depth and prevent any conflict of utilities
- Contractor shall on all utilities, coordinate inspection with the appropriate authorities prior to covering trenches at installation.
- 13. Site contractor to coordinate proposed reconnection of all utilities with Architectural Plans as well as utility companies and building contractor. The general contractor is responsible for any and all expenses that result from delayed or failed test during any phase of the contractor process. This includes foes incurred through reschedulin of any Racetrac vendors or equipment to accommodate.
- 14. All water and sanitary sewer crossings to be perpendicular with a full stick of ductile iron pipe in the sewer lines at
  - Contractor to coordinate with signage contractor and architect for exact location of signage, required electrical conduits, foundations, etc.
- 16. See cover sheet for list of utility companies and contact persons
- 17. Contractor shall provide bollards for protection of all above ground utilities and appurtenances adjacent to drive



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SHEET NO. VERSION