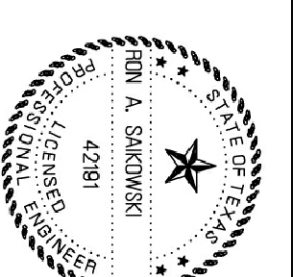


GENERAL CONSTRUCTION NOTES

1. Construction shall meet or exceed for the City of Houston, Southern Montgomery County MUD (SMCMUD), and Montgomery County, Texas rules and regulation as currently amended.
2. Where conflicts arise between the City of Houston rules, as given in city documents and Federal, state of Texas (TCEQ), SMCMUD, or, Montgomery design rules and specifications, the city rules shall govern. TCEQ rules will be followed when no latest edition of TCEQ rules governing this project.
3. All work is subject to inspection by the City of Houston, TCEQ, SMCMUD, and Montgomery County.
4. Changes to plans after signature will require review and update of signatures. The design engineer, not the contractor shall resubmit such changes.
5. A contractor shall make sure that all plan signature and letters of availability have current dates as of start of construction. If construction does not begin within 1 year after plans are signed, plans must be resigned and letters of availability must be updated.
6. All work shall be completed to the satisfaction of the county of location, the City of Houston, TCEQ, SMCMUD, and the Engineer.
7. Contractor shall notify Ron Salkowski (Engineer) via telephone number 713-252-5729 forty-eight (48) hrs prior to commencement of construction.
8. These plans prepared by Ron Salkowski do not extend to or include designs or systems pertaining to the safety of the contractor or its employees, agents or representatives in the performance of the work. The seal of the registered engineer(s) hereon does not extend to any such systems that may now or hereafter be incorporated in these plans. The contractor shall prepare or obtain the appropriate safety systems, including the plans and specifications required by the house bills 652 and 655 enacted by the Texas legislature regular session and current OSHA dands for trench safety. Design of trench safety systems, sealed by an execution of a contract for this work.
9. Contractor shall verify all dimensions and conditions in the field before commencing work. IT shall be the contractor's responsibility to report and discrepancies to owner in a timely manner.
10. Contractor shall field verify the locations of all existing utilities shown on the drawings. Contractor shall notify Texas One Call (telephone number 713-223-4567) at least forty-eight (48) before proceeding with any excavation.
11. Contractor shall confine all work efforts within the designated area unless specifically authorized by the owner. Extreme care should be exercised near adjacent property to protect any existing trees, fences, landscaping and other existing features.
12. All existing landscaping, sidewalks, fences, utilities and other existing facilities damaged during construction shall be repaired to the original or better condition by the contractor at his expense.
13. There will be no separate payment for work shown on these plans unless specifically established in the contract documents.
14. Contractor to be responsible for control staking and for all construction staking, supervised by a licensed surveyor in the state of Texas. Surveyor must carry errors and omissions insurance. Include the cost for survey work in other items
15. All unsatisfactory and/or waste materials including vegetation, roots, concrete and debris shall be hauled off site and disposed of by the contractor. Include cost of this work, including haul, in other items of this project.
16. Contractor shall maintain positive drainage at all times during construction of proposed facilities. Any drainage ditch or structure disturbed during construction shall be restored to the satisfaction of the owning authority.
17. Contractor shall be responsible for purchasing water needed for construction or testing. The purchase of water for construction or testing will be considered incidental to the various other items of work.
18. All existing underground utilities are not guaranteed to be complete or definite but were obtained from information available. Contractor has sole responsibility for field verification of all existing facilities shown on drawings. Contractor shall coordinate all conflicts with the appropriate governing agencies. No separate pay.
19. All utility trenches to be backfilled to not less than 95% of the maximum dry density as determined by the standard proctor compaction test (ASTM D-698)
20. Maintain a minimum of 12 inches of clearance between all utilities unless shown otherwise on the plans.
21. Contractor shall be fully responsible for any damages, made during construction, to existing wastewater ones, water lines, storm drainage lines, paving and traffic signal conduits, contractor shall be responsible to replace or repair to City of Houston standards or to their original condition, whichever is better, by the contractor at his expense.
22. Condition of the road and right of way, upon completion of the job, shall be as good as or better than the condition prior to starting work.
23. Contractor shall remove any debris that may be found within the work site. Engineer shall identify said debris and contractor shall dispose of same offsite.
24. Contractor shall not leave uncovered holes in pavement at the end of the day and shall not leave steel plates in place for more than 14 days.
25. Contractor to provide flagman and traffic control devices to maintain the proper flow of traffic around the construction site.
26. All existing underground utilities are not guaranteed to be completed or definite, but were obtained from the best information available. Contractor has sole responsibility for the field verification of all existing facilities shown on drawings. Contractor shall coordinate all conflicts with the appropriate governing agency.
27. The location of consolidated communications, Entex, and Entergy power company utilities are shown in approximate way only. The contractor shall request the exact location of these facilities by calling the utility coordinating committee at (713) 223-4567 or toll free 1-800-245-4545 at least 48 hours before commencing work. The contractor if fully responsible for any and all damages which occur due to his failure to request the location and preservation of these underground facilities.
28. Texas law article 1436C prohibits all activities in which persons or equipment may come within 6 feet of energized overhead power lines and federal regulation, title 29,part 1910.190(1) and part 1926.440(A) (15) require a minimum clearance of 20 feet from these facilities. The above laws carry both criminal and civil liabilities, with contractors and owners being legally responsible for the safety of workers under these laws. If you or your company must work near overhead power lines call the local power company for lines to be de-energized and/or moved at your expense.
29. Trench safety systems shall be in accordance with occupational safety and health administrations standards for trench safety that will be in effect during the period of construction of the project. Contractor's attention is directed to the requirements of occupational safety and health standards: excavation; proposed rule (29 CFR Part 1926) as published in the federal register volume 52, NO. 72, Sections 1926-650 through 1926-653 and dated Wednesday, April 15, 1987 and to applicable state ordinances. Also refer to note 8.
30. All necessary quality control of testing of materials and paving shall be condition of the road and/or right-of-way. Upon completion of job, shall be as good as or better than the condition prior to starting work.
31. All construction notes that appear on this set of construction documents shall be part of the construction specifications.
32. Top of manholes, inlets and cleanouts shall conform to finished grade and per City of Houston/SMCMUD requirements.
33. Grades shall vary uniformly between spot elevations shown.
34. Should the contractor find any discrepancy or omissions from the plans, he shall notify the engineer at once to obtain clarification prior to starting construction.
35. Contractor shall be responsible for locating and protecting all existing underground utilities.
36. All bedding for sewers shall be as per required specifications.
37. Backfill: after the pipes are bedded as specified, backfill material shall be deposited in 5-inch maximum thickness layers and compacted with suitable mechanical tampers to the density required.
38. Contractor shall coordinate storm, sanitary sewer and water line construction with others underground lines to avoid conflicts.
39. Clearing and stripping: strip surface of site under building areas, under paved areas and areas to be covered with site improvements to a depth of at least 6 inches but sufficient to clear grass, roots and debris. Strip surface of site areas that are to be left open but will be covered with fill, to a depth of 4 inches.
40. Grubbing: remove stumps, roots over 3 inches in diameter and matted roots within the limits of clearing to the following depth:  
  - Under building-18 inches
  - Under walk- 12 inches
  - Under roads- 18 inches
  - Under parking areas-12 inches
  - Under lawn areas-8 inches
41. Fills: Prior to placing any fill, all clearing and grubbing operations shall have been completed on the areas where the fill is to be placed, stump holes or other small excavations in the limits of the embankment shall be backfilled with suitable material and thoroughly tamped by approved methods. The filling material shall have a plasticity index of not greater than 14. Fill shall be constructed in uniform layers not exceed 8" in thickness loose measure, each layer shall extend across the entire fill area and shall be compacted to at least 95% standard proctor density between optimum moisture content and 2% above optimum moisture content. Fill material deposited in place by means of scrapers, dump trucks, or similar equipment shall be thoroughly broken up before being spread into uniform layers.
42. All sanitary and storm sewer lines are to be laid at true and accurate grades with good bedding and backfill to assure against future settling of lines resulting in poor drainage and eventual stoppage due to debris settlement.
43. Contractor shall coordinate internal and external building plumbing for proper placement and connections.
44. Contractor shall verify location of underground utility lines and shall notify the following agencies 48 hours prior to excavating near facilities:  
  - Texas One Call System at 1-800-245-4545
  - Texas Excavation Safety System Inc. at 713-223-4567
  - Lone Star Notification Center at 1-800-344-8377
  - Texas Excavation Safety System Inc. at 713-223-4567
  - Centel/Texas at 713-540-4191
45. Contractor shall comply with all federal, state, and local laws and all regulations of utility companies concerning safety and health practices.
46. All sewer trenches under or within one foot of proposed and /or future pavement or curb shall be backfilled with 1-1/2 sacks of cement per ton cement-stabilized sand to a point one foot below pavement subgrade. The remaining backfill shall be made with compacted suitable material.
47. When required by trench conditions, the use of dewatering systems is to be requested by the contractor and approved by the owner.
48. Contractor shall remove all mud, dirt and debris deposited or dropped on existing pavement due to his construction activity daily.
49. All traffic control and warning signs shall be in accordance with Texas manual on uniform traffic control devices.
50. Contractor shall protect all trees adjacent to work area. No trees shall be removed with out permission of owner.
51. Contractor shall take necessary precautions to protect root systems of shrubs, plants and trees along the area of excavation.
52. The contractor shall comply with the latest edition of OSHA regulations and the state of Texas laws concerning excavation.



1. RON A. SALKOWSKI  
 P.E. AUTHORIZED THE  
 PLACEMENT OF THIS  
 DRAWING FOR THE  
 PURPOSE OF ISSUING  
 FOR BELOW

DATE OF CONSTRUCTION	
DATE OF REVISION	
DATE OF APPROVAL	
DATE OF REVIEW	
DATE OF CHECK	
DATE OF DESIGN	

ENGINEERING BY:  
 R. S. S. S.  
 524 North Main Street #1  
 Houston, Texas 77001  
 (713) 223-4567  
 © 2000 Ron A. Salkowski, P.E. All rights reserved.  
 THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT IS TO BE KEPT IN HIS OFFICE.

**C-5**