

DEPARTMENT OF SUSTAINABLE DEVELOPMENT AND CONSTRUCTION
ENGINEERING DIVISION
PLAN REVIEW SUPPLEMENTAL CHECK LIST
(Revised August 24, 2010)

ADDITION NAME: _____
SUBDIVISION PLAN #311T- _____ PLANS PREPARED BY: _____
CITY PLAN FILE NO. (PLAT): S _____
P.D. NO., ZONING OR S.U.P. NO.: _____
CHECKED BY ENGINEER: _____, P.E.; DATE: _____
REVIEWED BY CITY: _____ DATE: _____

ITEMS RELATED TO PAVING AND DRAINAGE

1. - Is this property being platted?
 Yes No
If yes, plat no. is S _____
(A copy of the plat must be attached to the P&D plans)

2. - Is this property re-zoned or being re-zoned? Yes No
If yes, detention may be needed.
If yes, the zoning classification changed from _____ to _____

- 3.- What percent of the site is currently impervious?
_____ % impervious currently

4. - Are at least 2 bench marks shown on the plans?
 Yes No

- 5.- Does the drainage outfall have the capacity to convey the 100-yr. flood?
 Yes No

6. - Is the drainage runoff from the site or from any portion of the site being diverted?
 Yes No
Please note that diversion is not allowed.

- 7.- Is there any detention or retention (pond holding water) proposed?
 Yes No
Note: if any retention pond is proposed, the maintenance agreement should cover odor control, algae control, mosquito control and any other health-related issue. Also, the discharge from a retention pond to a storm sewer system must be approved by the Public Works and Transportation Department. Further, a dual outlet control may be required for retention ponds.

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8.- Does the proposed detention/retention meet the TCEQ definition of a "dam"?

Yes No N/A

If yes, does the design of the proposed detention/retention meet applicable TCEQ rules, regulations and requirements?

Yes No N/A

Please Note: if the depth of the proposed detention/retention exceeds a certain height, then the TCEQ requirements for dams apply. For more info please visit TCEQ's Dam Safety Program at http://www.tceq.state.tx.us/compliance/field_ops/dam_safety/damsafetyprog.html

9.- If the answer to question #7 is yes, has the area been checked for the GSA (upstream of Escarpment) or an existing erosion problem to see if a dual outlet control is required for the proposed detention/retention pond?

Yes No

10.- What is the designed outlet control of the proposed detention/retention pond?

Single Outlet Control Dual outlet control N/A

11.- Is any part of the area of development being drained onto adjacent cities?

Yes No

If yes, detention may be required and the adjacent City must approve the plans. This approval must be obtained by the Engineer of Record. A copy of the approval must be provided to the City of Dallas project engineer.

12.- Are there any walls proposed?

Yes No

If yes, what is the maximum height of proposed walls? _____ feet

The wall is in: Private property Public ROW

Note: All Walls (public or private) exceeding 4' in height require a permit from Building Inspection prior to construction.

13.- Will the wall as designed adversely impact drainage, or visibility triangles?

Yes No N/A

14.- Any utilities crossing the wall?

Yes No N/A

15.- Any utilities under the wall?

Yes No N/A

16.- Have you used proper C values and I values for the calculation of drainage runoff?

Yes No

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17.- Is there any proposed "On-Street Parking" ? Yes No

If yes, the design must be coordinated with Public Works.

If yes, is there any proposed parking space within visibility triangles?.

Yes No

18.- What is the total drainage area, including offsite? _____ Acres

Please note that for drainage areas over 130 acres, the Rational Method should not be used for drainage calculations.

19.- Does the drainage area map show clear contours for the entire drainage basin, including off-site drainage areas?

Yes No

20.- Is the direction of runoff shown by arrows, particularly along the areas adjacent to the area being developed?

Yes No

Note: Please make sure that the direction of runoff is shown clearly on the plans, particularly along the boundaries of the area that is being developed,

OTHERWISE PLANS WILL NOT BE APPROVED.

21.- Is the development site currently accepting any drainage runoff from adjacent private properties?

Yes No

If yes, are the proposed grades such that the development site continues to receive the drainage runoff from the adjacent private properties?

Yes No

and, will there be a Drainage Easement dedicated?

Yes No

If the answer to the previous question is yes, is any stub-out proposed for conveyance of the off-site drainage runoff for future development?

Yes No

Note: To grade a development site such that existing drainage would be blocked is not allowed.

Note: Any private drainage easements must be filed by separate instrument and the recording information/documents must be provided to the City and must be shown on the plat and the engineering plans. Public drainage easements can be dedicated as part of the platting process.

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22.- Is the drainage runoff from this development site currently being conveyed through the adjacent private property(ies) to the downstream?

Yes No

23.- Will there be any lot-to-lot drainage post development (regardless of the current drainage pattern)?

Yes No

Note: Lot-to-lot drainage is not allowed unless a drainage easement is obtained and recorded from the downstream property owner.

24.- Any off-site drainage easements required?

Yes No

If yes, has the offsite easement been acquired and recorded?

Yes No

25.- Are all on-site drainage easements shown and dedicated?

Yes No N/A

26.- Is there any proposed connection to the storm sewer system that would discharge anything other than rainfall runoff?

Yes No

Note: The storm sewer system is primarily for collection of rainfall runoff. Discharging ground water, water fountain features, and anything other than rainfall runoff into the storm sewer system must be approved by the Public Works and Transportation Department.

27.- Regarding erosion, are the velocities of runoff at or below the maximum allowed velocities per drainage criteria?

Yes No

28.- Is there any PD or Specific Use Permit (SUP) related to this development?

Yes No

29.- Are there any particular conditions to the PD or SUP regarding sidewalks, paving and/or drainage?

Yes No

(If yes, attach a description and a list of items)

30.- Does the minimum width of pavement(s) and right-of-way comply with the plat regulations?

Yes No

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31.- Is the Paving Section and designed thickness as well as street and alley horizontal alignments and geometrics including curb radii in compliance with the Paving Manual and meets minimum requirements?

Yes No

32.- Any of this development within Geologically Similar Area (GSA) and/or Escarpment?

Yes No

Note: For Escarpment related projects, detention is required.

If yes, is detention shown?

Yes No

33.- If the answer to the previous question is yes, has an Escarpment permit been obtained?

Yes No N/A

34.- Does this development project require any general permit from the Corps of Engineers under the Clean Water Act (CWA) ?

Yes No

If yes, have the necessary requirements been incorporated into the Construction Documents?

Yes No

35.- Does this development project require any Standard Individual Permit or Letter of Permission from the Corp of Engineers under the Clean Water Act (CWA)?

Yes No

If yes, indicate the permit #: _____

If yes, have the necessary requirements been incorporated into the Construction Documents?

Yes No

36. If the answer to the previous question is yes, please provide copies of documents, correspondences and permits.

37.- Is there any proposed construction within 250 feet of a toe of any levee, including the Rochester Park Levee?

Yes No

If yes, you need to comply with US Army Corps of Engineers Pamphlet 1150-2-1 dated Oct 2003, and submit 3 additional full sets of drawings to this office for further review/approval by:

- a. Public Works and Transportation Dept, Floodplain Management Division
- b. City of Dallas Flood Control District
- c. The US Army Corps of Engineers

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38A - Is any work proposed within a flood plain?

Yes No

If yes, has there been a fill/alteration permit issued by Public Works?

Yes No

Status of LOMR letter?

Obtained In Process N/A

38B - Is there any fill proposed within any portion of the site?

Yes No

If yes, what is the maximum depth of the proposed fill? _____ feet

If yes, is this fill going to cause the diversion of storm water runoff?

Yes No

If yes, is this fill going to cause any visibility problem at driveways or street/alley intersections?

Yes No

38C - Is there any excavation proposed within any portion of the site?

Yes No

If yes, what is the maximum depth of the proposed excavation? _____ feet

If yes, is this excavation going to cause the diversion of storm water runoff?

Yes No

39.- Any work within Mill Creek drainage basin?

Yes No

If yes, are the Finished Floor Elevations 3' higher than closest top of inlet elevation? Yes No

40.- Any work within Peaks Branch?

Yes No

If yes, any special design provisions?

41.- Is off-site drainage calculated/included in the design?

Yes No

42.- Has any part of this site ever been a cemetery?

Yes No

If yes, some conditions may need to be met.

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43.- Has any part of this site ever been part of a "brown field" and/or a land-fill in the past?

Yes No

If yes, some conditions may need to be met.

44.- Have the plans been distributed to Utilities?

Yes No

Note: The engineer of the record must obtain "utility clearance" from all utilities, including DWU, prior to start of any construction.

45.- What is the age of the pavement? The age determines the extent/type of trench repair and/or replacement of the roadway panel (see Ord.# 26263 dated 2/16/06 and the "Pavement Cut and Repair Standards Manual" by Public Works & Transportation.)

Age of pavement: _____ years.

Informational Addendum:

Concrete

If the pavement is 5 years old or less, the transverse dimension of the repair area is no less than one lane width. The longitudinal dimension terminates either at a joint or the midpoint of a "panel" which ever is closest to the edge of cut. (Pages 30 – 34 of the Pavement Cut and Repair Standards Manual summarize the extent of the repair area for pavements 5 years old or less.)

If the pavement is greater than 5 years old, refer to pages 16 – 19 of the Pavement Cut and Repair Standards Manual which summarizes the extent of the repair area. The engineers should understand the diagrams.

Asphalt

If the pavement is 5 years old or less, the transverse dimension of the repair area is no less than one lane width (same as concrete). The longitudinal dimension terminates at a minimum 3 feet beyond the edge of the cut. (Pages 30 – 34 of the Pavement Cut and Repair Standards Manual summarize the extent of the repair area for pavements 5 years old or less.)

If the pavement is greater than 5 years old, refer to pages 16 – 19 of the Pavement Cut and Repair Standards Manual which summarizes the extent of the repair area. The Engineers should understand the diagrams.

46.- Are the roadway panels going to be replaced?

Yes No N/A

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47.- Do all the streets have curbs?

Yes No

Note: If any driveway approach is proposed along a street where there is no curb, the Engineer of Record needs to contact the Street Dept. to obtain line and grade and size of pipe under the approach. A permit must also be secured from Building Inspection for the construction of the driveway approach.

48.- If the answer to the previous question is "No":

Are Curbs Proposed? Yes No

Are Sidewalks Proposed? Yes No

Please note that unless a Sidewalk Waiver is applied for and approved, sidewalks must be constructed along all public and private streets.

New curbing may have to be constructed as part of sidewalk construction.

The proposed sidewalks must be barrier-free to the handicapped in accordance with the requirements of the ADA and the City of Dallas.

49.- Are sidewalks proposed as part of the submitted plans?

Yes No

If the answer is No, has a sidewalk waiver been submitted?

Yes No

If the answer to the previous question is Yes, is the proposed sidewalk in compliance with the City of Dallas and ADA requirements?

Yes No

50.- If the answer to the previous question is Yes, are the proposed sidewalks within dedicated Public ROW and/or within a dedicated sidewalk easement?

Yes No

Note: Public sidewalks must be built within Public ROW or within a dedicated sidewalk easement.

51.- Are any of the proposed sidewalks within the Central Business District (CBD)?

Yes No N/A

If the answer is Yes, does the proposed CBD sidewalk meet the requirements of the Dallas Business District Pedestrian Facilities Plan, as amended?

Yes No

52.- Has the Storm Water Pollution Prevention Plan been prepared?

Yes No N/A

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53.- Have you contacted Public Works & Transportation for 'Signage', 'Street Lighting' and 'Striping' design?

Yes No N/A

It is the responsibility of the Engineer of Record to coordinate with the Department of Public Works and Transportation for 'Street Lighting', 'Striping' and 'Signage'.

54.- Please note that the developer is fully responsible for the design and construction of:

1. The entire width of the thoroughfare within the limits of the proposed development; and,
2. Half of the width of the thoroughfare which abuts the proposed development, if the length of the thoroughfare frontage is 1,000 feet or more. [Sec 51A-8.604(b)(3)]

Is there any thoroughfare adjacent to the proposed development which has 1,000 feet or more of frontage?

Yes No

If yes, are the paving and drainage plans included?

Yes No

Is there any thoroughfare within the proposed development?

Yes No

If yes, are the paving and drainage plans included?

Yes No

55.- Will you submit, as part of your final submittal, an itemized list of all the improvements within public ROW/easements along with an estimated cost of the improvements?

Yes No

Note: This itemized list and estimated cost are required before final approval of the engineering plans.

56.- Are you conforming to Texas Board of Professional Engineer Board Rules 137.33 & 137.77?

Yes No

Board Rules §137.33 and §137.77 have been changed to require that all engineering documents released, issued, or submitted by or for a registered engineering firm, including preliminary documents, must clearly indicate the engineering firm name and registration number. It is both the responsibility of the PE that signs and seals a document and the firm that releases the document to verify that the firm name and number appear on the engineering work.

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"I, the undersigned, am the Engineer of the Record for this project and certify that the information provided herein is correct to the best of my knowledge."

"I understand and agree that the Chief Engineer will require that the infrastructure plans be resubmitted for review and approval if he determines that the checklist contained incorrect information and the plans were approved based on incorrect information supplied. Additional fees for each subsequent submission may be required."

Signature: _____ Date: _____

Printed Name: _____

