



## City of Brownsville Construction Plan Checklist.

Date: \_\_\_\_\_

Project Name: \_\_\_\_\_

Plat No: \_\_\_\_\_

Submitter's Name: \_\_\_\_\_

**SUBMITTAL INSTRUCTIONS:** Submitter will fill out name and sheet number for each item and submit with plans as a digital copy. If the item is not applicable, check the box under N/A and leave sheet # space blank.

### Submittal Processing Requirements:

ITEM #	ITEM	N/A	Sheet #	Comments
A	One (1) Full Size Plan Sets, 24"x36" (pdf) (USB Containing PDF of Plan Set or via email or file server: One single file)	<input type="checkbox"/>		
B	Engineering Report and Drainage Report Construction cost estimate of all public improvements	<input type="checkbox"/>		
C	Submitted To Utility Providers, all applicable signatures must be included before City of Brownsville approval	<input type="checkbox"/>		
D	Notice of Intent (NOI- <a href="#">TCEQ</a> )	<input type="checkbox"/>		
E	Compliance with P&Z Requirements	<input type="checkbox"/>		

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Construction Plan Set: Sheet Requirements:

SHEETS TO BE INCLUDED, IN ORDER, EACH SHEET NUMBERED/TITLED AS SHOWN IN INDEX ON COVER SHEET, AND COMPLETE WITH **SIGNED LICENCED TEXAS PROFESSIONAL ENGINEER'S SEAL, CLEARLY LABELED SCALE, LOCATION MAP, BENCHMARKS, NORTH ARROW AT TOP RIGHT OF SHEET, APPLICABLE NOTES, AND CLEARLY LABELED LEGEND.**

ITEM Page#	ITEM	N/A	Sheet #	Comments
1	Cover Sheet	<input type="checkbox"/>		
2	Approved Final Plat	<input type="checkbox"/>		
3	Existing Conditions	<input type="checkbox"/>		
4	Construction Notes/ Project Specific Construction Notes	<input type="checkbox"/>		
5	Storm Water Pollution Prevention Plan & Details, Tree Protection	<input type="checkbox"/>		
6	Demolition Plan	<input type="checkbox"/>		
7	Lot Grading & Drainage Plan	<input type="checkbox"/>		
8	Sidewalk, Pavement Markings & Signage Plan	<input type="checkbox"/>		
9	Street Light Plan & Details	<input type="checkbox"/>		
10	Overall Wastewater Plan & Details	<input type="checkbox"/>		
11	Overall Water Plan & Details	<input type="checkbox"/>		
12	Plan and Profiles for Water / Wastewater/ Storm Sewer.	<input type="checkbox"/>		
13	Paving & drainage details	<input type="checkbox"/>		
14	Traffic Control Plan	<input type="checkbox"/>		



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### 1.0 Cover Sheet:

ITEM #	ITEM	N/A	Sheet #	Comments
1.1	Title of Project, Location, and Owner, Contractor & Engineer Contact	[ ]		
1.2	City Approval Signature Block	[ ]		
1.3	City Approval Signature Notes	[ ]		
1.4	Sheet Index / Table of Contents	[ ]		
1.5	Vicinity Map of The Project, Surrounding Streets with a North Arrow Pointing in the correct Direction	[ ]		

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### 2.0 Final Plat:

ITEM #	ITEM	N/A	Sheet #	Comments
2.1	Legible Copy of City Council Approved, Final Plat	[ ]		

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### 3.0 Existing Conditions

ITEM #	ITEM	N/A	Sheet #	Comments
3.1	Topographic survey with contours (show in plan)	[ ]		
3.2	Location & Label of all existing utilities being tied into.	[ ]		
3.3	Existing trees (> 6" diameter)	[ ]		

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 4.0 Construction Notes / Project Specific Notes

ITEM #	ITEM	N/A	Sheet #	Comments
4.1	General Construction Note	[ ]		
4.2	Testing Notes	[ ]		
4.3	Paving, Concrete Mix Notes	[ ]		
4.4	Project Specific Notes (Must Not Conflict with Other Required Notes)	[ ]		

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### 5.0 Storm Water Pollution Prevention Plan & Details

ITEM #	ITEM	N/A	Sheet #	Comments
5.1	Plans in compliance with TCEQ Storm water general permit. <a href="#">Link to website.</a>	<input type="checkbox"/>		
5.2	TCEQ Notice requirement Notes and Details	<input type="checkbox"/>		
5.3	Location and Type of All Proposed Temporary And Permanent erosion controls.			
5.4	Stabilized Construction Entrance & details	<input type="checkbox"/>		
5.5	Silt Fence and/or Earthen Berm & details	<input type="checkbox"/>		
5.6	Location of All Tree Protection Measures			
5.7	All Areas of Cut and Fill $\geq 4'$ Clearly Labeled			

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 6.0 Demolition Plan

ITEM #	ITEM	N/A	Sheet #	Comments
6.1	Show all structures being demolished.	<input type="checkbox"/>		
6.2	Are there any hazardous materials or designated substances in or below structure being demolished?	<input type="checkbox"/>		

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 7.0 Lot Grading, Drainage Plan

ITEM #	ITEM	N/A	Sheet #	Comments
7.1	Include plat information: Property dimensions and/or curve data, Proposed right-of-way dedication(s), Street Names, stations, lot lines/lot numbers shall match the plat lot line	<input type="checkbox"/>		
7.2	Existing/Proposed Paving and Drainage Improvements.	<input type="checkbox"/>		
7.3	Existing/Proposed Manholes & Fire Hydrants (Manholes @ 400' max. & Fire Hydrants @ 250' radius max. Show radius in plans)	<input type="checkbox"/>		
7.4	Existing/Proposed Inlets & Flumes	<input type="checkbox"/>		
7.5	Existing/Proposed Power Poles	<input type="checkbox"/>		
7.6	Proposed Building Min.-Max. Finished Floor Elevation	<input type="checkbox"/>		
7.7	Existing/Proposed Street Sidewalk(S) with spot elevations	<input type="checkbox"/>		
7.8	Proposed Spot Elevations along Flow Lines of Swales or Valley Gutters	<input type="checkbox"/>		
7.9	Proposed Grade Breaks with Elevations	<input type="checkbox"/>		
7.10	Proposed Lot Grading notes. Min. 0.3% slope from back to front			



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### 8.0 Sidewalk, Pavement Markings & Signage Plan

ITEM #	ITEM	N/A	Sheet #	Comments
8.1	Sidewalk plan to comply with Proposed Public Rights-of-Way Accessibility Guideline. <a href="#">Click for Link</a> Pavement Marking must be in accordance to Manual on Uniform Traffic control Devices (MUTCD) <a href="#">Click here for link.</a> & Tx-Dot Standards <a href="#">Click here for link</a>	[ ]		
8.2	Street Sidewalk(S) location with spot elevations. Min Every 50'	[ ]		
8.3	Street sidewalk general details	[ ]		
8.4	Street pavement markings, centerline, stop bars, etc. Installation details	[ ]		
8.5	Street Signage Plan, location of street names and signs. Installation details	[ ]		

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### 9.0 Street Light Plan & Details

ITEM #	ITEM	N/A	Sheet #	Comments
9.1	Street Light Locations with Coverage Areas	[ ]		
9.2	Location of any conduits crossing roadways.	[ ]		
9.3	All Utility lines must be installed underground	[ ]		

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### 10.0 Overall Wastewater Plan and details

ITEM #	ITEM	N/A	Sheet #	Comments
10.1	Overall Waster Water Layout in compliance with Brownsville Public Utilities Board (BPUB) Standards or pertinent utility provider	[ ]		
10.2	Include plat information: Property dimensions and/or curve data, Proposed right-of-way dedication(s), Street Names, All lot lines/lot numbers shall match the plat lot line	[ ]		
10.3	Existing Ground and Proposed Ground/Subgrade/Top of Curb	[ ]		
10.4	Special notes and references to appurtenance sheet numbers	[ ]		
10.5	Direction, Grade, Length, Size & Type of Pipe	[ ]		
10.6	Identify Elevation of The Invert, Flow Out, Flow In, & Rim	[ ]		
10.7	Elevations of all crossing utilities in the waste water profile	[ ]		
10.8	Stationing And Manhole Numbers	[ ]		



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10.9	Existing/proposed manholes, pipes, and sizes (parallel to mains)	[ ]		
10.10	Existing/proposed bridges, culverts and drainage channels	[ ]		
10.11	Proposed Sanitary Sewer services at each lot.	[ ]		
10.12	Center Line Curve Data: Centerline Station every 100', deflection angles at points of intersection, points of curvature, points of tangency, and CO.s	[ ]		
10.13	Current Brownsville Public Utilities Board Details or other utility company details.	[ ]		

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### 11.0 Overall Water Plan and Details

ITEM #	ITEM	N/A	Sheet #	Comments
11.1	Overall Water Layout in compliance with Brownsville Public Utilities Board (BPUB) Standards or pertinent utility provider	[ ]		
11.2	Include plat information: Property dimensions and/or curve data, Proposed right-of-way dedication(s), Street Names, all lot lines/lot numbers shall match the plat lot line	[ ]		
11.3	Existing Ground and Proposed Ground/Subgrade/Top of Curb	[ ]		
11.4	Special notes and references to appurtenance sheet numbers	[ ]		
11.5	Direction, Grade, Length, Size & Type of Pipe	[ ]		
11.6	Fittings, Fire Hydrants, Manholes, Services, And Taps Are Shown	[ ]		
11.7	Utility Crossing Details	[ ]		
11.8	Material call-out for water main(s)	[ ]		
11.9	Valves Provided on All Legs of Pipe Intersections	[ ]		
11.10	All Bends Are 45 Deg. or Less, all flush valves	[ ]		
11.11	Proposed Water services at each lot.	[ ]		
11.12	Center Line Curve Data: Centerline Station every 100', deflection angles at points of intersection, points of curvature, points of tangency, and Fire Hydrants	[ ]		
11.13	Current Brownsville Public Utilities Board Details or other utility company details.	[ ]		

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## City of Brownsville Construction Plan Checklist.

### 12.0 Plan & Profile Water/Wastewater /Storm Sewer

ITEM #	ITEM	N/A	Sheet #	Comments
12.1	Plan and Profile (P&P) for all Storm Sewer. Onsite and Off-site	[ ]		
12.2.0	COB. Storm drain-street plans: General lay out; Scale of 1"= 50' Profile View Scale:: 1"=20' or 1"=30' Horizontal 1" = 20' or 1"= 30' Vertical of 1" = 2' or 1"=3' Deeper lines adjust Vertical scale as need it	[ ]		
12.2.1	BPUB Water/wastewater Plans General lay out; Scale of 1"= 50' Profile View Scale:: 1"=20' or 1"=30' Horizontal 1" = 20' or 1"= 30' Vertical of 1" = 2' or 1"=3' Deeper lines adjust Vertical scale as need it	[ ]		
12.2.2	Lift Stations and force main Case by case and approved by BPUB	[ ]		
12.3	Match Lines for continuation of P&P	[ ]		
12.4	Include plat information: Property dimensions and/or curve data, Proposed right-of-way dedication(s), Street Names, Stations, lot lines/lot numbers shall match the plat lot line	[ ]		
12.5	Label all Pipe Sizes, length & materials	[ ]		
12.6	All Horizontal PI, PC, PT, Begin and End Stations and Pipe and/or Channel Intersection Equations. Top of Curb, Existing/Proposed Natural Ground elevations.	[ ]		
12.7	All inlet calculations, Q collected at each inlet, bypass at each inlet	[ ]		
12.8	100-year and 25-year HGL on all profiles	[ ]		
12.9	Channel/Ditches P&P: Min. Flat Bottom Width of Three (3) Feet. With a Minimum running slope of 0.2% Cross Sections for Drainage Channels At 50 Foot Stations Showing Property, ROW, 100 Year Water Surface, Q-100, V-100	[ ]		

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### 13.0 Paving & Drainage Details

ITEM #	ITEM	N/A	Sheet #	Comments
13.1	Asphalt Paving Details	[ ]		
13.2	Concrete Paving / Aprons details & notes	[ ]		
13.3	Concrete Curb & gutter details & notes			
13.4	Concrete valley gutter details & notes			
13.5	Concrete inlets details & notes (types A & C) (Manholes @ 400' max.)			



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13.6	Concrete pipes: direction, grade, length, size & type (Type IV for all street crossings)			
13.7	Inlet covers with city logo, details & notes			

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### 14.0 Traffic Control Plan

ITEM #	ITEM	N/A	Sheet #	Comments
14.1	Plan must be prepared in accordance to Manual on Uniform Traffic control Devices (MUTCD) <a href="#">Click here for link.</a>	[ ]		
14.2	Provide Applicable Traffic Control & Detour Details	[ ]		

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 15.0 Other Miscellaneous Sheets

ITEM #	ITEM	N/A	Sheet #	Comments
15.1	Enter Description:	[ ]		
15.2	Enter Description:	[ ]		
15.3	Enter Description:	[ ]		

Reviewers Name: \_\_\_\_\_ Date: \_\_\_\_\_