



# Town of Apex Pleasant Park

## GMP-1

# JMT

J.M. THOMPSON

*General Contractors since 1921*

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# Executive Summary



## **Town of Apex – Pleasant Park - Executive Summary - GMP-1**

Pleasant Park, approved as part of the 2017 Parks Bond, will be a showcase facility for the Town of Apex and the entire region. The 92 acre park will provide opportunities for all ages and abilities.

Along with the creation of roadways and pathways within the limits of disturbance, the park will include six turf multiuse athletic fields, a signature soccer building, a baseball structure, picnic shelters and amenity buildings with restrooms, a maintenance structure, and a 1.3 acre enclosed water play / splash pad area with an enchanted forest theme.

GMP -1 as conveyed throughout this deliverable encompasses the work detailed herein. The trade scopes include Earthwork, Segmental retaining walls, and Site utilities. All sub-contractors have been prequalified. The contractors issued sub contracts have been identified as the lowest responsible bidder and are to be bonded and insured accordingly.

GMP-1 also includes the necessary general conditions as applicable to the scope(s) of work detailed in this deliverable, and correlates to the schedule.

GMP -1 Is a change order to the existing contract for preconstruction.

# GMP-1 Cost Totals





**J.M. THOMPSON**

*General Contractors since 1921*

# Pleasant Park GMP - 1 Summary January 06, 2020

Division: Description:		Cost:
BP2.0	Earthwork & Storm Drainage	\$ 5,712,870.00
BP2.1	Segmental Walls	\$ 689,484.00
BP2.3	Utilities	\$ 1,451,328.00
Subtotal:		\$ 7,853,682.00
Bonds & Insurance:		1.25% \$ 98,171.03
GMP 1 General Conditions:		\$ 955,586.00
Fee:		3.50% \$ 311,760.37
Total Investment:		\$ 9,219,199.39



# **Town of Apex – Pleasant Park - Low Bidder - GMP-1**

## **BP 2.0 Earthwork & Storm Drainage:**

S.T. Wooten Corporation  
12204 Cleveland Road  
Garner, NC 27529

Contact:

Austin Moore

[Austin.Moore@STWCorp.com](mailto:Austin.Moore@STWCorp.com)

o: 919.779.9752

m: 252.373.4341

## **BP 2.1 Segmental Retaining Walls:**

Jenns LLC  
1809 Colwell Avenue  
Wilmington, NC 28403

Contact:

Jonathan McCarthy

[JMcCarthy@jennsllc.com](mailto:JMcCarthy@jennsllc.com)

m: 336.399.6813

## **BP 2.3 Site Utilities:**

Infrastructure East LLC  
819 Purser Dr.  
Raleigh, NC 27603

Contact:

Alvin Gerrell

[AG.Infrastructureeast@outlook.com](mailto:AG.Infrastructureeast@outlook.com)

m: 919.703.0531

## **Town of Apex – Pleasant Park - Unit Prices - GMP-1**

**UNIT PRICES:** These unit prices do not include fee or general conditions and are included only in the event that quantities should go beyond those detailed in the allowances.

<b>UP #1 (Applicable to BP 2.0, BP 2.3)</b> Excavate unsuitable soils and stockpile on site at noted location:	\$	7.50	Per CY
<b>UP #2 (Applicable to BP 2.0, BP 2.3)</b> Excavate unsuitable soils and haul off site:	\$	21.00	Per CY
<b>UP #3 (Applicable to BP 2.0)</b> Mass Rock excavation and left on site in designated area:	\$	150.00	Per CY
<b>UP #4 (Applicable to BP 2.0)</b> Mass Rock excavation and hauled off site:	\$	200.00	Per CY
<b>UP #5 (Applicable to BP 2.0, BP 2.3)</b> Trench Rock excavation and left on site in designated area:	\$	125.00	Per CY
<b>UP #6 (Applicable to BP 2.0, BP 2.3)</b> Trench Rock excavation and hauled off site:	\$	150.00	Per CY
<b>UP #7 (Applicable to BP 2.0, BP 2.3)</b> Provide, import and place ABC stone 100 TN or more:	\$	27.00	Per TN
<b>UP #8 (Applicable to BP 2.0, BP 2.3)</b> Provide, import and place ABC stone 99 TN or less:	\$	27.00	Per TN
<b>UP #9 (Applicable to BP 2.0, 2.3)</b> Provide, import and place compactible fill (soil):	\$	35.00	Per CY
<b>UP #10 (Applicable to BP 2.0, BP 2.3)</b> Place compactible fill from stock pile:	\$	13.00	Per CY
<b>UP #11 (Applicable to BP 2.0, BP 2.1, BP 2.3)</b> Provide, import and place #57 stone:	\$	35.00	Per TN
<b>UP #12 (Applicable to BP 2.0, BP 2.1, BP 2.3)</b> Provide, import and place structural processed fill:	\$	21.00	Per TN
<b>UP #13 (Applicable to BP 2.1)</b> Provide, install retaining from 0ft up to 5' in height	\$	14.00	Per SF
<b>UP #14 (Applicable to BP 2.1)</b> Provide, install retaining from 5' and above in height	\$	14.00	Per SF
<b>UP #15 (Applicable to BP 2.0)</b> Provide, install 6" HDPE Drain Leaders	\$	36.00	Per LF
<b>UP #16 (Applicable to BP 2.0)</b> Provide, install 6" HDPE Drain Leader Bends	\$	71.00	Per EA
<b>UP #17 (Applicable to BP 2.0)</b> Provide, install 6" HDPE Drain Clean Outs	\$	295.00	Per EA



## Town of Apex – Pleasant Park - Allowances - GMP-1

<u>Allowance Description:</u>	<u>Quantity included:</u>	<u>Total Allowance</u>
<b><u>Allowance #1: (Applicable to BP 2.0)</u></b> Excavate unsuitable soils & stockpile on site at noted location:	<b>8,500 CY:</b>	\$ 63,750.00
<b><u>Allowance #2: (Applicable to BP 2.0)</u></b> Excavate unsuitable soils and haul off site:	<b>500 CY:</b>	\$ 10,500.00
<b><u>Allowance #3 &amp; Allowance #4:</u></b> NOT USED		
<b><u>Allowance #5: (Applicable to BP 2.3)</u></b> Trench Rock excavation and hauled off site:	<b>100 CY:</b>	\$ 15,000.00
<b><u>Allowance #6:</u></b> NOT USED		
<b><u>Allowance #7: (Applicable to BP 2.0)</u></b> Provide, import and place ABC stone:	<b>100 TN:</b>	\$ 2,700.00
<b><u>Allowance #8:</u></b> NOT USED		
<b><u>Allowance #9: (Applicable to BP 2.0)</u></b> Provide, import and place compactable fill (Soil):	<b>100 CY:</b>	\$ 3,500.00
<b><u>Allowance #10: (Applicable to BP 2.0)</u></b> Place compactable fill from stockpile:	<b>100 CY:</b>	\$ 1,300.00
<b><u>Allowance #11: (Applicable to BP 2.0, BP 2.1, BP 2.3)</u></b> Provide, import and place #57 stone:	<b>500 TN:</b>	\$ 17,500.00
<b><u>Allowance #12: (Applicable to BP 2.0, BP 2.3)</u></b> Provide, import and place structural processed fill:	<b>1,000 TN:</b>	\$ 21,000.00
<b><u>Allowance #13: (Applicable to BP 2.0,</u></b> Provide, install 6" HDPE Drain Leaders	<b>900 LF:</b>	\$ 32,400.00
<b><u>Allowance #14: (Applicable to BP 2.0, BP 2.3)</u></b> Provide, install 6" HDPE Drain Leader Bends:	<b>16 EA:</b>	\$ 1,136.00
<b><u>Allowance #15: (Applicable to BP 2.0, BP 2.3)</u></b> Provide, install 6" HDPE Drain Clean Outs	<b>16 EA:</b>	\$ 4,720.00

# GMP-1 Scope of Work



## **Town of Apex – Pleasant Park - Scope of work - GMP-1**

1. GMP -1 includes BP 2.0 Earthwork & Storm Drainage, BP 2.1 Segmental Retaining walls, BP 2.3 Site Utilities, General conditions and applicable insurances as described herein.
2. We have not included the removal any hazardous material in GMP-1.
3. The Town of Apex (TOA) is buying and installing the site lighting, outside of this project.
4. The TOA will provide transformers within 25' of each structure.
5. The site amenity structure and any related engineering, foundations, utilities required are by the TOA outside of this contract.
6. We've included all permits (at no cost), licenses, inspections, training, tests, certifications, fees, and warranties as required by the Contract Documents, applicable codes, state and local authorities. The work on this project may involve working in or adjacent to a railroad right of way. Specific requirements related to the railroad have not been included as all work within the railway right of way is not included.
7. We have included dedicated full time Superintendent to the project at all times that work or deliveries are being performed, or as required for the proper coordination between trades. The Superintendent shall not be replaced or removed by the CM without the written consent of the owner. However, the CM at their discretion may direct a Subcontractor to replace the Superintendent(s).
8. Any sub contractor hired direct by the design team or owner shall inspect and verify, at least two (2) weeks prior to the start of their Work that all requirements for installation are complete and acceptable as required for installation to begin. This verification shall be submitted to the Construction Manager in writing. The survey shall include, but not be limited to a detailed review of all work in place furnished & installed by others. Items that do not meet the installation requirements must be identified accordingly. Subcontractor to coordinate all existing utility locating and identification for their work. This includes but not limited to use of NC811 and private utility locating services. Particular attention to be paid to any work within Cardinal Gas Line easement. Subcontractor to coordinate preconstruction meeting with all utilities and notify Construction Manager. Subcontractor to meet all utility company guidelines for work within utility easement.
9. Any sub contractor hired direct by the design team or owner shall abide by the contract documents, including but not limited to the project manual, bid scopes and addenda.
10. CM will submit all documentation required including shop drawings, submittals, production schedule, delivery, and installation that will meet the milestone dates identified in the Construction Schedule. This schedule is to be updated and submitted by the Construction Manager monthly throughout the performance of this project.
11. Warranties start at the date of final acceptance of the work or beneficial occupancy, regardless of when the equipment was installed or placed in service during construction. The CM shall take note of extended warranty requirements outlined in the specifications. For warranties that extend beyond the normal period, a separate warranty may be required to be written directly between the Owner and subcontractor.
12. The CM will utilize the Project Team Procore platform. All submittals will be processed in an electronic format, as well as document control, field activity tracking, reports, punch listing and

commissioning. All parties shall provide the necessary equipment, personnel and training to support these functions on site. Any deviations, changes, and/or discrepancies differentiating the shop drawings from the Contract Documents shall be clouded.

13. Designers and owner shall cooperate fully with building inspection officials, third-party inspectors, and CM's designated representatives for review and inspection of the work. CM shall provide access to any and all areas for required testing, including providing scaffolding, safety equipment, lifts, etc as required.
14. Stored materials may be submitted for payment when stored on site, received in a timely fashion and with prior approval of the Owner.
15. Owners & designers understand that weekly project meetings will be held on the job site
16. The Owner has engaged a third party commissioning agent for this project.
17. CM will provide multiple "Mock-ups" or "Prototypes" as required to expedite the approval of any system or product or as required by Specification. Modification or reworking of the "Mock-ups" or "Prototypes" to achieve Owner/Architect/Contractor approval is included in the Scope of Work in accordance with technical specification.
18. Earthwork package includes clearing & grubbing, layout, excavation and fill to designed sub grades, installation and maintenance of erosion control, temporary roads and laydown/staging areas, storm drainage and temporary fencing.
19. Includes demolition as shown on Demolition and Staging plans including demolition required for improvements along Kings View Trail and Pleasant Plains Road. Coordinate relocated utilities with appropriate Utility. Removal of all garbage, trash or any other debris of man-made origin and removal of underground utilities and storm drainage. Includes all demolition and clearing necessary for site development as identified. All demolition materials is to be removed off site and disposed of properly.
20. Includes all surveying and construction staking including Clearing, Erosion Control, Storm system, Site Utilities and Segmented Walls. Providing staking for all structures and buildings. Providing staking at Amenity areas for site walls and to subgrade. Staking of other improvements within Amenity area is the responsibility of the owner or owners installer. GMP-1 includes subgrade as built for all Athletic Fields. Athletic Fields drainage and finish as built by Others (in GMP-2). CM shall obtain a signed and sealed drawing to certify all installations, etc. comply with Contract Documents upon completion of each phase of work..
21. Cm will have all erosion control measures and maintenance as required by documents and site conditions. We will furnish, install, maintain and remove all erosion control measures as shown on plans including, but not limited to, construction entrances, silt fence, berms, tree protection fencing, diversion ditches, inlet protections, rock check dams, dewatering silt bags, silt fence outlets, temporary sediment basins complete, temporary seeding, channel lining, and matting. Subcontractor will maintain erosion control measures throughout the entire project duration. Subcontractor will provide all reporting required by regulatory agencies and Town of Apex. Furnish, install and maintain for the life of the project an erosion control system to prevent the runoff of water from leaving the site.
22. Provide clearing and grubbing not limited to, removal of trees and other vegetation, clearing, grubbing. The entire area will be stripped of all topsoil, high plasticity near surface soils, trash, debris and other organic materials as specified. Upon completion of the stripping operations, the exposed subgrade in areas to receive fill will be proof-rolled. The exposed subgrade in cut areas will also be proof-rolled. Any areas which deflect, rut or pump excessively should be undercut to

suitable soil and replaced with fill as directed by the Owners Testing Agency using unit prices and allowances per contract documents.

23. Furnish and install site grading to all subgrade elevations shown on the plans and as identified in this scope of work document. All cut and fill to be unclassified to contract documents subgrades. The CM assumes that all material excavated, for whatever reason, on the site will be used on site and all material required as fill material will be excavated from on site with the exception of structural fill for segmented walls.
24. The intent is to balance site. Excess material including topsoil and footing spoils to be wasted on site. Area shown as Phase 4 will be primary area for excess fill.
25. CM notes the terms and definitions indicated for unsuitable soils, unsatisfactory soils and rock excavation in Specification 312000-Earth Moving. Allowance quantities are to be used for UNSUITABLE soil excavation located at or below proposed subgrade elevations as directed by Owners Testing Agency. UNSTATISFACTORY soil materials (located above subgrade) may be blended if the specification allows and replaced with suitable soil at no additional cost to the project.
26. Stockpile existing topsoil from the site and respread as required. Excess topsoil to be wasted on site.
27. Furnish and install storm drainage system including underground roof drainage system, foundation drain, sidewalk drains, area drains, trench drains, head walls and tie into existing systems. This will include any removal of existing piping and structures.
28. Connect roof leader piping at buildings and canopies to storm drainage system.
29. Furnish and install all stone bedding material as required by plans and specifications.
30. Furnish and install trench protection for work per OSHA regulations.
31. Furnish, install and maintain temporary roads, laydown areas as required. CM to have sub contractor grade temporary roads for positive drainage. (See logistics/staging plan for further details). Refer to the Site Demolition and Staging plan for information as it relates to the temporary construction access roads and laydown/staging areas and associated temporary fencing. This temporary road will be built and maintained by using ABC stone and fabric as shown. Temporary road width to be 24'. Components to include undercut of paved areas by 6", geotextile fabric, 6" ABC compacted to withstand fully loaded tandem dump truck. CM to have subcontractor furnish, install, maintain and remove temporary construction fencing and gates as shown on logistics/staging plan and provide 6' temporary fencing around existing Patrick Family graveyard prior to any work on site.
32. CM to ensure subcontractors furnish, install and maintain concrete wash out areas, including the removal as directed by the Construction Manager along with posted signage.
33. CM will ensure subcontractors provide pumps and dewatering devices required to perform all work in this bid package
34. CM will have subcontractor provide traffic control required to perform work in this bid package.
35. CM will coordinate all work for telephone, gas and electrical services which will be by others.
36. CM's subcontractor to install all storm sewer work as indicated on the drawings and include any temporary by-pass pumping or timber matting as may be needed to perform the work.

37. CM to hold subcontractor responsible for locating, disconnecting and properly capping abandoned utility lines associated with his work as shown on the drawing.
38. Excavate the trench to accommodate the designed thickness of the retaining wall leveling pad, plus the embedment depth for the project conditions. The leveling pad trench shall be compacted to the density specified in the contract documents and inspected by the Owner Testing Agency prior to any leveling pad base material being placed. Owner Testing Agency to verify base course as applicable.
39. Drain pipes and gravel fill shall meet the plans and specifications at retaining walls. All drain pipes must exit to daylight or be connected to an underground drainage system if shown. A minimum one percent gradient will be maintained on the pipe with outlets at a maximum of 50 feet or 100 feet if the pipe is crowned between the outlets. All pipe outlets should be configured to be protected from crushing or plugging.
40. Segmental retaining walls will be placed in accordance with manufacturer's instructions and recommendations, and as specified on the plans. Particular care to be used maintaining radiuses, placement of grid and proper backfill techniques. Place gravel fill, backfill and then compact. Remove excess fill from top of units and install the next course. Shims can be continuous and compressible and not used on courses containing geogrid between the units.
41. Provide reinforced fill behind wall in reinforced zone as required by plans and specifications. Soil lift heights are not to exceed 8 inches following compaction. Final compaction requirements in the consolidation zone should be established by the SRW design engineer or Owner Testing Agency.
42. Construct walls to tolerances as specified. Project specific differential settlement limits will be defined by the project geotechnical engineer.
43. Provide all water and sewer service piping, fire protection service mains and appurtenances as indicated on the documents.
44. Provide all necessary piping, sleeves, valves, borings, fittings, valve boxes, water meter boxes/vaults, manhole structures, fire hydrants, post indicating valves, tapping devices, flanges, water meters, etc. Air relief valve and manhole structures complete are included.
45. Disinfection/Bacteriological (chlorination) testing, pressure testing, certification tests, etc. under the direction of the Owner, Engineer, Inspectors, and governmental authority(s) having jurisdiction. CM to have subcontractor dilute and properly dispose of heavily chlorinated water with Owner permission.
46. All taps / tie-ins into existing system(s) are included.
47. All pipe bedding material as required by the Contract Documents, Local, City, County, State, and Federal Codes/Regulations.
48. Provide all sanitary sewerage system piping appurtenances as indicated on the documents.
49. Provide all necessary piping, fittings, manholes, cleanouts, valve boxes (for cleanouts in paved areas), pipe encasements, etc.
50. Provide Pump Station turnkey with all necessary appurtenances for a complete system per plans and specifications. Provide Plumbing, Mechanical and Electrical systems including connections. Provide engineered shoring and excavation plan as required by OSHA. (Electric transformer to be provide within 25')

51. Provide demolition, bypass pumping, timber matting, drilling, boring and repair of existing manholes for new and temporary tie-ins as required.
52. Includes all sewer installation testing requirements required of and under the direction of Owner, Engineer, Inspectors, and governmental authority(s) having jurisdiction.
53. All pipe bedding material is as required by the Contract Documents, Local, City, County, State, and Federal Codes/Regulations.
54. CM to hold subcontractor responsible for the design and installation of shoring as required for the installation of Sanitary Sewer piping.
55. Temporary water at Trailer Area
56. CM to have and maintain 250 gallon water container elevated for gravity flow and plumb to Construction Managers office trailer.
57. Temporary sanitary
58. Structure elevations and lengths of piping indicated on the document are for information purposes only. All information shall be field verified for lengths; finish grade elevations shall be coordinate with final grading drawings, etc.
59. Permits to be provided by Owner at no cost. CM shall obtain permits and coordinate inspections with Town and Construction Manager.
60. CM shall provide flow test(s) for all installations in order to provide Owner with updated readings upon completion of lines installed under this agreement.
61. Final clean all utilities prior to turnover.



# GMP-1 General Conditions

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## IV.



Tuesday, January 7, 2020

### Pleasant Park General Conditions

Item	Description	Takeoff Qty	UM	Subcontract Unit Cost	UM	Other Unit Cost	UM	Rate	Total Unit Cost		%	Total Amount
10	Project Manager	103.00	week					\$ 3,300.00	\$ 3,300.00	/week	100%	\$ 339,900.00
10	Asst. Project Manager	103.00	week	\$ -		\$ -		\$ 2,211.00	\$ 2,211.00	/week	75%	\$ 170,799.75
10	Project Engineer	103.00	week					\$ 2,178.00	\$ 2,178.00	/week	75%	\$ 168,250.50
20	PM Vehicle	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
10	Project Executive oversight	103.00	week					\$ 4,620.00	\$ 4,620.00	/week	10%	\$ 47,586.00
20	Asst. PM Vehicle	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
30	Mobile Phone - Project Manager	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	100%	\$ 1,200.00
30	Mobile Phone - Asst. Project Manager	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	50%	\$ 600.00
10	Superintendent	103.00	week					\$ 3,102.00	\$ 3,102.00	/week	100%	\$ 319,506.00
20	Pickup Truck - Superintendent	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
30	Mobile Phone - Superintendent	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	100%	\$ 1,200.00
10	Assistant Superintendent #1	103.00	week					\$ 2,046.00	\$ 2,046.00	/week	75%	\$ 158,053.50
10	Assistant Superintendent #2	0.00	week					\$ 2,046.00	\$ 2,046.00	/week	0%	\$ -
10	Assistant Superintendent #3	0.00	week					\$ 2,046.00	\$ 2,046.00	/week	0%	\$ -
20	Pickup Truck - Assist. Superintendent #1	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	75%	\$ 22,500.00
20	Pickup Truck - Assist. Superintendent #2	0.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	0%	\$ -
20	Pickup Truck - Assist. Superintendent #3	0.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	0%	\$ -
30	Mobile Phone - Assist. Superintendent #1	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	75%	\$ 900.00
30	Mobile Phone - Assist. Superintendent #2	0.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	0%	\$ -
30	Mobile Phone - Assist. Superintendent #3	0.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	0%	\$ -
40	Office Engineer/ Clerk	0.00	week					\$ 1,650.00	\$ 1,650.00	/week	0%	\$ -
10	Office Trailer	24.00	mnth			\$ 850.00			\$ 850.00	/mnth	95%	\$ 19,380.00
20	Office Trailer - Set up / Stairs	1.00	LS			\$ 1,200.00			\$ 1,200.00	/ls	100%	\$ 1,200.00
30	Tool Storage Trailer / Connex (2)	24.00	mnth			\$ 500.00			\$ 500.00	/mnth	80%	\$ 9,600.00
60	Onsite Equipment / Gator	24.00	mnth			\$ 850.00			\$ 850.00	/mnth	100%	\$ 20,400.00
70	Personnel Elevator	15.00	mnth						\$ -	/mnth	0%	\$ -
10	Schedule Set-up	1.00	lsum	\$ -	/lsum	\$ 7,500.00			\$ 7,500.00	/lsum	100%	\$ 7,500.00
20	Schedule Updates	24.00	each	\$ 1,500.00	/each	\$ 450.00			\$ 1,950.00	/each	100%	\$ 46,800.00
20	Job Photographs	24.00	mnth	\$ 150.00	/mnth	\$ 50.00	/mnth		\$ 200.00	/mnth	100%	\$ 4,800.00
10	Job Use Electricity	24.00	mnth	\$ 1,100.00	/mnth				\$ 1,100.00	/mnth	100%	\$ 26,400.00
20	Office Trailer Electricity (2)	23.00	mnth			\$ 300.00	/mnth		\$ 300.00	/mnth	100%	\$ 6,900.00
30	System Start-up	6.00	mnth	\$ 6,000.00	/mnth				\$ 6,000.00	/mnth	0%	\$ -
10	Temporary Heat	6.00	mnth	\$ 7,500.00	/mnth				\$ 7,500.00	/mnth	0%	\$ -
20	Temporary Air Conditioning	6.00	mnth	\$ 7,500.00	/mnth				\$ 7,500.00	/mnth	0%	\$ -
10	Water Service Hook-up	1.00	lsum	\$ 15,000.00	/lsum	\$ 500.00	/lsum		\$ 15,500.00	/lsum	100%	\$ 15,500.00
20	Job Use Water	23.00	mnth	\$ 1,500.00	/mnth	\$ 100.00	/mnth		\$ 1,600.00	/mnth	100%	\$ 36,800.00
30	Ice & Cups	103.00	week						\$ -	/week	100%	\$ -
10	Temporary Toilets (6)	24.00	mnth			\$ 540.00	/mnth		\$ 540.00	/mnth	100%	\$ 12,960.00
10	Safety Supplies	24.00	mnth			\$ 250.00			\$ 250.00	/mnth	100%	\$ 6,000.00
20	Traffic Barricades	100.00	lnft						\$ -		0%	\$ -
40	Traffic Control	40.00	hour						\$ -		0%	\$ -
60	Fire Extinguishers	10.00	each			\$ 150.00			\$ 150.00	/each	100%	\$ 1,500.00
90	Safety Meetings	103.00	week						\$ -	/week	100%	\$ -
100	Safety Officer	103.00	week					\$ 2,178.00	\$ 2,178.00	/week	50%	\$ 112,167.00
10	Construction Fence (misc purposes)	1,000.00	lnft	\$ 10.00	/lnft				\$ 10.00	/lnft	100%	\$ 10,000.00
10	Construction Fence Screening	1,000.00	lnft	\$ 10.00	/lnft				\$ 10.00	/lnft	0%	\$ -
20	Personnel Gate	1.00	each	\$ 750.00	/each				\$ 750.00	/each	100%	\$ 750.00
30	Vehicle Gate	2.00	each	\$ 1,500.00	/each				\$ 1,500.00	/each	100%	\$ 3,000.00
10	Structural Shoring	0.00	pnts						\$ -		0%	\$ -
10	Security/Watchman	103.00	week	\$ 3,600.00	/week				\$ 3,600.00	/week	10%	\$ 37,080.00
10	Temporary Roadway	1,500.00	sqyd	\$ 10.00	/sqyd				\$ 10.00	/sqyd	0%	\$ -
20	Temporary Parking / maintenance	1,000.00	sqyd	\$ 4.00	/sqyd				\$ 4.00	/sqyd	100%	\$ 4,000.00
10	Weekly Clean-up	95.00	week					594	\$ 594.00	/week	100%	\$ 56,430.00
30	Dumpster Rent (2)	24.00	mnth			\$ 900.00			\$ 900.00	/mnth	100%	\$ 21,600.00

Pleasant park - Town of Apex General Conditions

January 7, 2020

40	Haul Charges	48.00	each		\$ 250.00			\$ 250.00	/each	100%	\$ 12,000.00
40	Waste sorting fees	75.00	each					\$ -	/each	0%	\$ -
60	Street Cleaning	103.00	week	\$ 1,200.00				\$ 1,200.00	/hour	20%	\$ 24,720.00
10	Surface Water Control	1.00	week					\$ -		0%	\$ -
10	Project Sign	1.00	each		\$ 2,500.00			\$ 2,500.00	/each	100%	\$ 2,500.00
10	Project Traffic Signage	1.00	each		\$ 2,500.00			\$ 2,500.00	/each	100%	\$ 2,500.00
10	Office Set-up	1.00	lsum		\$ 1,250.00			\$ 1,250.00	/lsum	100%	\$ 1,250.00
20	Office Set-up - Owner's Rep.	0.00	lsum					\$ -	/lsum	0%	\$ -
30	Temp sanitary to trailer	1.00	lsum	\$ 2,500.00				\$ 2,500.00	/lsum	0%	\$ -
30	Temp Water to trailer	1.00	lsum	\$ 2,500.00				\$ 2,500.00	/lsum	0%	\$ -
30	Temp electric to trailer	2.00	lsum	\$ 2,500.00				\$ 2,500.00	/lsum	100%	\$ 5,000.00
30	Temp power monthly cost	24.00	lsum		\$ 350.00			\$ 350.00	/lsum	100%	\$ 8,400.00
10	Office Supplies	24.00	mnth		\$ 250.00			\$ 250.00	/mnth	100%	\$ 6,000.00
10	Plan printing	1.00	LS	\$ 5,000.00				\$ 5,000.00	/LS	100%	\$ 5,000.00
20	Office Furniture	1.00	ls		\$ 6,500.00			\$ 6,500.00	/ls	100%	\$ 6,500.00
30	Computer & Printer	4.00	each		\$ 1,500.00			\$ 1,500.00	/each	100%	\$ 6,000.00
30	IT Support	24.00	mnth		\$ 350.00			\$ 350.00	/mnth	100%	\$ 8,400.00
30	Software	24.00	mnth		\$ 1,500.00			\$ 1,500.00	/mnth	100%	\$ 36,000.00
40	Copy Machine	24.00	mnth		\$ 150.00			\$ 150.00	/mnth	100%	\$ 3,600.00
60	Postage & Shipping	24.00	mnth	\$ -	/mnth	\$ 85.00	/mnth	\$ 85.00	/mnth	100%	\$ 2,040.00
10	Final Cleanup	103.00	wk					\$ -	/sqft	0%	\$ -
<b>Total General Conditions:</b>											<b>\$ 1,911,172.75</b>

**Note:**

\* Unit costs for labor and Material are allocated & include burden and sales tax.

# Documentation Enumeration





# Pleasant Park

## GMP 1 Document Enumeration

01.07.2020

Page:	Date:	Description:
		Contract
	09.26.2019	Cover Sheet
1.0	09.23.2019-Rev 2	Overall Existing Conditions
1.1	09.23.2019-Rev 2	Overall Staging and Demolition Plan
1.2	09.23.2019-Rev 2	Staging & Demolition Plan
1.3	09.23.2019-Rev 2	Staging & Demolition Plan
1.4	09.23.2019-Rev 2	Staging & Demolition Plan
1.5	09.23.2019-Rev 2	Staging & Demolition Plan
1.6	09.23.2019-Rev 2	Staging & Demolition Plan
1.7	09.23.2019-Rev 2	Staging & Demolition Plan
2.0	09.23.2019-Rev 2	Overall Phasing Plan
2.1	09.23.2019-Rev 2	Overall RCA Plan
2.3	09.23.2019-Rev 2	Overall Easement Exhibit
4.0	09.23.2019-Rev 2	Overall Utility Plan
4.1	09.23.2019-Rev 2	Utility Plan
4.2	09.23.2019-Rev 2	Utility Plan
4.3	09.23.2019-Rev 2	Utility Plan
4.4	09.23.2019-Rev 2	Utility Plan
4.6	09.23.2019-Rev 2	Utility Plan
5.0	09.23.2019-Rev 2	Overall Grading Plan
5.1	09.23.2019-Rev 2	Grading Plan
5.2	09.23.2019-Rev 2	Grading Plan
5.3	09.23.2019-Rev 2	Grading Plan
5.4	09.23.2019-Rev 2	Grading Plan
5.5	09.23.2019-Rev 2	Grading Plan
5.6	09.23.2019-Rev 2	Grading Plan
5.7	09.23.2019-Rev 2	Slope Stabilization Plan
5.8	09.23.2019-Rev 2	Slope Stabilization Plan
5.9	09.23.2019-Rev 2	Slope Stabilization Plan
5.10	09.23.2019-Rev 2	Slope Stabilization Plan
5.11	09.23.2019-Rev 2	Slope Stabilization Plan
5.12	09.23.2019-Rev 2	Slope Stabilization Plan
6.0	09.23.2019-Rev 2	Overall Storm Drainage Plan
6.1	09.23.2019-Rev 2	Storm Drainage Plan
6.2	09.23.2019-Rev 2	Storm Drainage Plan
6.3	09.23.2019-Rev 2	Storm Drainage Plan
6.4	09.23.2019-Rev 2	Storm Drainage Plan

6.5	09.23.2019-Rev 2	Storm Drainage Plan
6.6	09.23.2019-Rev 2	Storm Drainage Plan
6.7	09.23.2019-Rev 2	Storm Drainage Schedules
6.8	09.23.2019-Rev 2	Storm Drainage Schedules
7.0	09.23.2019-Rev 2	Erosion Control Notes & Calcs
7.1	09.23.2019-Rev 2	Erosion Control Notes & Calcs
7.2	09.23.2019-Rev 2	Erosion Control Plan Stage 1 Overall
7.3	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.4	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.5	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.6	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.7	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.8	09.23.2019-Rev 2	Erosion Control Plan Stage 1
7.9	09.23.2019-Rev 2	Erosion Control Plan Stage 2 Overall
7.10	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.11	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.12	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.13	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.14	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.15	09.23.2019-Rev 2	Erosion Control Plan Stage 2
7.16	09.23.2019-Rev 2	Erosion Control Plan Stage 3 Overall
7.17	09.23.2019-Rev 2	Erosion Control Plan Stage 3
7.18	09.23.2019-Rev 2	Erosion Control Plan Stage 3
7.19	09.23.2019-Rev 2	Erosion Control Plan Stage 3
7.20	09.23.2019-Rev 2	Erosion Control Plan Stage 3
7.21	09.23.2019-Rev 2	Erosion Control Plan Stage 3
7.22	09.23.2019-Rev 2	Erosion Control Plan Stage 3
8.0	09.23.2019-Rev 2	Williams Gas Pipeline Plan & Profile 10+00-22+00
8.1	09.23.2019-Rev 2	Williams Gas Pipeline Plan & Profile 22+00-36+39
8.2	09.23.2019-Rev 2	Kings View Trail Plan & Profile
8.3	09.23.2019-Rev 2	Kings View Trail Plan & Profile
8.4	09.23.2019-Rev 2	R001 Plan & Profile
8.5	09.23.2019-Rev 2	R001 Plan & Profile
8.6	09.23.2019-Rev 2	R002 Plan & Profile
8.7	09.23.2019-Rev 2	R002 & R003 Plan & Profile
8.8	09.23.2019-Rev 2	Sewer Outfall A
8.9	09.23.2019-Rev 2	Sewer Outfall 'B'
9.0	09.23.2019-Rev 2	PS Site Plan
9.1	09.23.2019-Rev 2	Mechanical Plan
9.2	09.23.2019-Rev 2	Mechanical Section
9.3	09.23.2019-Rev 2	Hatch & Fillet Details
9.4	09.23.2019-Rev 2	Odor Control
9.5	09.23.2019-Rev 2	PS Site Electrical
9.6	09.23.2019-Rev 2	PS Electrical Details
9.7	09.23.2019-Rev 2	PS Electrical Details
9.8	09.23.2019-Rev 2	PS Details
10.1	09.23.2019-Rev 2	SCM 1 Plan & Details

10.1	09.23.2019-Rev 2	SCM 2 Plan & Details
10.2	09.23.2019-Rev 2	SCM 3 Plan & Details
10.3	09.23.2019-Rev 2	SCM Details
11.3	09.23.2019-Rev 2	Site Details
12.2	09.23.2019-Rev 2	Water Line Utility Details
12.3	09.23.2019-Rev 2	Sewer Line Utility Details
12.4	09.23.2019-Rev 2	Storm Water & Erosion Control Details
12.5	09.23.2019-Rev 2	Storm Water & Erosion Control Details
12.6	09.23.2019-Rev 2	Storm Water & Erosion Control Details
12.7	09.23.2019-Rev 2	NCDEQ NCG01 Plan Sheet
L1.13	09.23.2019-Rev 2	SCM Planting Plans
	11.06.2019	Bid Manual
		NO Advertisement.pdf
Pleasant Park MSE Wall Plans 9-23-19		
	09.23.2019	Index of Sheets
Sheet 1	09.23.2019	Wall #1 Profile
Sheet 2	09.23.2019	Wall #1 Profile Cont'd
Sheet 3	09.23.2019	Wall #2 Profile
Sheet 4	09.23.2019	Wall #3 Profile
Sheet 5	09.23.2019	Wall #4 Profile
Sheet 6	09.23.2019	Wall #5,#7,#9,#6 Profile
Sheet 7	09.23.2019	Wall #8 Profile
Sheet 8	09.23.2019	Wall #8 Profile Cont'd
Sheet 9	09.23.2019	Wall #10, #11 Top Tier & Bottom Tier
Sheet 10	09.23.2019	Retaining Wall Details
Sheet 11	09.23.2019	Retaining Wall Details
Sheet 12	09.23.2019	Retaining Wall Details
Sheet 13	09.23.2019	Retaining Wall Specifications
5.0	06.18.2019	Overall Grading Plan
Addendum 1		
	11.12.2019	Addendum 1 Cover
	05.19.2016	Item 1 Pleasant Park PrelimGeotechRpt_Final2.pdf
4.5	09.13.2019	Item 2 04.5 UTILITY PLAN
	11.06.2019	Item 3 WR Tech Specs Pleasant_Park_GMP1.pdf
		Item 4 CAD File Request Agreement.pdf
Addendum 2		
	11.26.2019	Addendum 2 Cover
		Addenda 2 Revised Unit Prices and Allowances.pdf
		Pleasant Park Combined file Addendum 2:
3.0	08.09.2019	Overall Site Plan
3.1	08.09.2019	Site Plan
3.2	08.09.2019	Site Plan
3.3	08.09.2019	Site Plan
3.4	08.09.2019	Site Plan
3.5	08.09.2019	Site Plan
3.6	08.09.2019	Site Plan



4.1	11.25.2019-Rev A	Utility Plan
4.2	11.25.2019-Rev A	Utility Plan
4.3	11.25.2019-Rev A	Utility Plan
4.4	11.25.2019-Rev A	Utility Plan
4.5	11.25.2019-Rev A	Utility Plan
4.6	11.25.2019-Rev A	Utility Plan
6.1	11.25.2019-Rev A	Storm Drainage Plan
6.2	11.25.2019-Rev A	Storm Drainage Plan
6.9	08.09.2019	Baseball Plaza Storm Drainage Plan
6.10	08.09.2019	Baseball Field 1 Drainage Plan
6.11	08.09.2019	Baseball Field 2 Drainage Plan
6.12	08.09.2019	Baseball Field 3 Drainage Plan
6.13	08.09.2019	Baseball Field 4 Drainage Plan
6.14	08.09.2019	Soccer Field 1 Drainage Plan
6.15	08.09.2019	Soccer Field 2 Drainage Plan
6.16	08.09.2019	Soccer Fields 3 & 4 Drainage Plan
6.17	08.09.2019	Soccer Fields 5 & 6 Drainage Plan
11.3	11.25.2019-Rev A	Site Details
L1.0	08.09.2019	Overall Landscape Plan
L1.1	08.09.2019	Detailed Landscape Plan NW
L1.2	08.09.2019	Detailed Landscape Plan SW
L1.3	08.09.2019	Detailed Landscape Plan N
L1.4	08.09.2019	Detailed Landscape Plan S
L1.5	08.09.2019	Detailed Landscape Plan NE
L1.6	08.09.2019	Detailed Landscape Plan SE
L1.7	08.09.2019	Overall Landscape Details
L1.8	08.09.2019	Amenity Area-Overall Landscape Plan
L1.9	08.09.2019	Amenity Area-Detailed Landscape Plan NW
L1.10	08.09.2019	Amenity Area-Detailed Landscape Plan SW
L1.11	08.09.2019	Amenity Area-Detailed Landscape Plan NE
L1.12	08.09.2019	Amenity Area-Detailed Landscape Plan SE
		Pleasant Park Temp Road, Staging _ Fencing:
2.1	09.23.2019-Rev 2	Overall RCA Plan
Addendum 3		
	12.03.2019	Addendum 3 Cover
		20191203_Pleasant Park_GMP1_BidFile_BASE-2140542.dwg
4.2	08.09.2019	Utility Plan
6.2	08.09.2019	Storm Drainage Plan
Addendum 4		
	12.05.2019	Addendum 4 Cover
		Pleasant Park Appendix A - General Conditions .pdf
		Pleasant Park Bid Form R1 Addenda 4.pdf
		Pleasant Park CONSTRUCTION MANAGER AT RISK PRE-CONSTRUCTION AND CONSTRUCTION SERVICES CONTRACT.pdf
		Pleasant Park STANDARD AGREEMENT BETWEEN CONSTRUCTOR AND SUBCONTRACTOR.pdf

# Project Schedule

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## VI.

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	2020												2021											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Pleasant Park - Project Management &amp; Construction Schedule</b>						455 20-Jan-20 10-Nov-21 0																							
<b>Project Milestones</b>						455 20-Jan-20 10-Nov-21 0																							
MILE 100	Assumed Construction NTP	0	20-Jan-20*		0	◆ Assumed Construction NTP																							
MILE 105	Public Road Improvements Complete	0		26-Oct-20	177	◆ Public Road Improvements Complete																							
MILE 115	Soccer Fields & Support Infrastructure Complete	0		20-Jul-21	0	◆ Soccer Fields & Support In																							
MILE 110	Southwest Ball Courts Complete	0		10-Nov-21	0	◆ Southw																							
MILE 125	Baseball/Softball Fields Complete	0		10-Nov-21	0	◆ Baseba																							
MILE 120	SW Ball Courts, Parking, Picnic Bldg & Cross Country Infrastructure Complete	0		10-Nov-21	0	◆ SW Ba																							
MILE 130	Pleasant Park Complex Complete	0		10-Nov-21	0	◆ Pleasa																							
<b>Construction</b>						455 20-Jan-20 10-Nov-21 0																							
<b>Mobilization, Erosion Control &amp; Clearing</b>						75 20-Jan-20 01-May-20 30																							
MOB 100	Surveying for Soil Erosion & Clearing	5	20-Jan-20*	24-Jan-20	0	■ Surveying for Soil Erosion & Clearing																							
MOB 105	Selective Clearing for E/C	20	27-Jan-20	21-Feb-20	0	■ Selective Clearing for E/C																							
MOB 110	Install Pre-Erosion Control SBs & Diversion Ditches & Obtain Approval	20	24-Feb-20	20-Mar-20	0	■ Install Pre-Erosion Control SBs & Diversion Ditches & Obtain Approval																							
MOB 115	Relocate Power Poles by Others	20	23-Mar-20	17-Apr-20	40	■ Relocate Power Poles by Others																							
MOB 120	Mass Clearing & Grubbing Remainder of Site	30	23-Mar-20	01-May-20	0	■ Mass Clearing & Grubbing Remainder of Site																							
<b>Earthwork &amp; Drainage</b>						190 04-May-20 12-Feb-21 130																							
EW 100	Strip & Stockpile Topsoil (~60k cy)	40	04-May-20	29-Jun-20	0	■ Strip & Stockpile Topsoil (~60k cy)																							
EW 105	Mass Grading (Cut-to-Fill) & Segmental Walls - for Soccer Fields & Lower End of Project (~130k cy)	60	02-Jun-20	25-Aug-20	0	■ Mass Grading (Cut-to-Fill) & Segmental Walls - for Soccer Fields & Lower End of Proj																							
EW 110	Stormdrainage Infrastructure (Outfall & Segment 1 - to east side of fields 5&6)	30	29-Jul-20	09-Sep-20	25	■ Stormdrainage Infrastructure (Outfall & Segment 1 - to east side of fields 5&6)																							
EW 115	Rough Grade Main R002 (prior to Utilities)	20	29-Jul-20	25-Aug-20	0	■ Rough Grade Main R002 (prior to Utilities)																							
EW 120	Mass Grading (Cut-to-Fill) & Segmental Walls - for Upper End of Project (~130k cy)	40	26-Aug-20	21-Oct-20	5	■ Mass Grading (Cut-to-Fill) & Segmental Walls - for Upper End of Project (~1																							
EW 125	Segmental Walls & Structural Fill - Amenity Area (not yet designed)	40	26-Aug-20	21-Oct-20	5	■ Segmental Walls & Structural Fill - Amenity Area (not yet designed)																							
EW 130	Stormdrainage Infrastructure (Segment 2 - along R002)	15	10-Sep-20	30-Sep-20	25	■ Stormdrainage Infrastructure (Segment 2 - along R002)																							
EW 135	Drainage - Amenity Area (not yet designed) (depicted in rough conjunction with Amenity Area Walls)	30	01-Oct-20	11-Nov-20	130	■ Drainage - Amenity Area (not yet designed) (depicted in rough conjunct																							
EW 140	Stormdrainage Infrastructure (Segment 3 - to west side of fields 5 & 6)	10	12-Nov-20	25-Nov-20	130	■ Stormdrainage Infrastructure (Segment 3 - to west side of fields 5 & 6)																							
EW 145	Stormdrainage Infrastructure (Segment 4 - southeast of Amenity Area)	15	30-Nov-20	18-Dec-20	130	■ Stormdrainage Infrastructure (Segment 4 - southeast of Amenity																							
EW 150	Stormdrainage Infrastructure (Segment 5 - Amenity Area parking)	15	04-Jan-21	22-Jan-21	130	■ Stormdrainage Infrastructure (Segment 5 - Amenity Area p																							
EW 155	Stormdrainage Infrastructure (Segment 6 - along R001 & Kings View)	15	25-Jan-21	12-Feb-21	130	■ Stormdrainage Infrastructure (Segment 6 - along R001																							
<b>Sewer &amp; Water</b>						270 20-Apr-20 21-May-21 40																							
UTIL 100	Bore & Jack Lines Across Highway & R/R Line (assuming permits in hand)	10	20-Apr-20	01-May-20	60	■ Bore & Jack Lines Across Highway & R/R Line (assuming permits in hand)																							
UTIL 105	Sewer Force Main Along King's View (would be scheduled to happen just-in-time before R002 utilitie	10	04-May-20	15-May-20	60	■ Sewer Force Main Along King's View (would be scheduled to happen just-in-time before R002 utilitie																							
UTIL 110	Waterline Along King's View (would be scheduled to happen just-in-time before R002 utilities)	10	18-May-20	01-Jun-20	60	■ Waterline Along King's View (would be scheduled to happen just-in-time before R002 utilities)																							
UTIL 115	Sewer Force Main Along R002	20	26-Aug-20	23-Sep-20	0	■ Sewer Force Main Along R002																							
UTIL 120	Waterline Along R002	15	24-Sep-20	14-Oct-20	0	■ Waterline Along R002																							
UTIL 125	Utilities - Amenity Area (not yet designed) (depicted in rough conjunction with Amenity Area Walls)	30	24-Sep-20	04-Nov-20	5	■ Utilities - Amenity Area (not yet designed) (depicted in rough conjunction																							
UTIL 130	Sewer Force Main - Pump Station to R002	10	05-Nov-20	18-Nov-20	5	■ Sewer Force Main - Pump Station to R002																							
UTIL 135	Gravity Sewer - Pump Station to Soccer Building	15	19-Nov-20	11-Dec-20	5	■ Gravity Sewer - Pump Station to Soccer Building																							

- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

**Pleasant Park Development - Town of Apex, NC**  
**JM Thompson Company**  
**Program Planning Schedule**



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	2020												2021															
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
						Gantt chart showing activity progress with colored bars (green for remaining, red for critical remaining, blue for actual work).																											
UTIL 140	Waterlines @ Soccer Parking	10	14-Dec-20	08-Jan-21	5	Waterlines @ Soccer Parking																											
UTIL 145	Waterline - R002 to Amenity & Ballfields	10	11-Jan-21	22-Jan-21	15	Waterline - R002 to Amenity & Ballfields																											
UTIL 150	Gravity Sewer - Pump Station to Amenity & Ballfields	10	25-Jan-21	05-Feb-21	15	Gravity Sewer - Pump Station to Amenity & Ballfields																											
UTIL 155	Construct Pump Station	60	08-Feb-21	30-Apr-21	40	Construct Pump Station																											
UTIL 160	Test & Commission Pump Station (precedes opening of Soccer Field Complex)	15	03-May-21	21-May-21	40	Test & Commission Pump Station (pre)																											
<b>Soccer Fields 1, 2, 3 &amp; 4 &amp; Tennis Courts</b>						115	15-Oct-20	09-Apr-21	40																								
1B 100	Temporary Stone R002 & Half of Soccer Parking	15	15-Oct-20	04-Nov-20	0	Temporary Stone R002 & Half of Soccer Parking																											
1B 105	Grading, Drains & Stone - Fields 5 & 6	40	05-Nov-20	15-Jan-21	0	Grading, Drains & Stone - Fields 5 & 6																											
1B 110	Construct Tennis Courts	60	11-Jan-21	02-Apr-21	45	Construct Tennis Courts																											
1B 115	Install Turf - Fields 5 & 6	20	18-Jan-21	12-Feb-21	40	Install Turf - Fields 5 & 6																											
1B 120	Grading, Drains & Stone - Fields 3 & 4	40	18-Jan-21	12-Mar-21	0	Grading, Drains & Stone - Fields 3 & 4																											
1B 125	Install Turf - Fields 3 & 4	20	15-Mar-21	09-Apr-21	20	Install Turf - Fields 3 & 4																											
<b>Soccer Fields 5 &amp; 6 &amp; Soccer Building</b>						170	05-Nov-20	20-Jul-21	0																								
1C 100	Construct Soccer Parking	50	05-Nov-20	29-Jan-21	90	Construct Soccer Parking																											
1C 105	Construct Soccer Building	100	11-Jan-21	28-May-21	5	Construct Soccer Building																											
1C 110	Grading, Drains & Stone - Fields 1 & 2	40	15-Mar-21	07-May-21	0	Grading, Drains & Stone - Fields 1 & 2																											
1C 115	Install Turf - Fields 1 & 2	20	10-May-21	07-Jun-21	0	Install Turf - Fields 1 & 2																											
1C 120	Complete Sidewalks, Landscaping & Site Finishes for Soccer Field Opening	30	08-Jun-21	20-Jul-21	0	Complete Sidewalks, Land																											
<b>Softball &amp; Baseball Fields</b>						195	08-Feb-21	10-Nov-21	0																								
3A 100	Construct Ballfield Concrete & (Minor) Retaining Wall Infrastructure	60	08-Feb-21	30-Apr-21	15	Construct Ballfield Concrete & (Minor) Re																											
3A 105	Construct Ballfields Concession & Toilet Building	60	03-May-21	27-Jul-21	35	Construct Ballfields Conce																											
3A 110	Ballfield Fencing, Netting, Foul Poles, Scoreboards, Etc.	40	03-May-21	28-Jun-21	25	Ballfield Fencing, Netting; Foul																											
3A 115	Grading, Drains & Stone - Ballfields	60	10-May-21	03-Aug-21	0	Grading, Drains & Stone																											
3A 120	Install Turf - Ballfields	30	04-Aug-21	15-Sep-21	0	Install Turf - Ballfi																											
3A 125	Complete Sidewalks, Landscaping & Site Finishes for Ballfield Opening	40	16-Sep-21	10-Nov-21	0	Comple																											
<b>Completion of Southwest Ball Courts</b>						80	21-Jul-21	10-Nov-21	0																								
2A 120	Continuing JMT Offices & Laydown Project Support	40	21-Jul-21	15-Sep-21	0	Continuing JMT O																											
2A 100	Construct Roadway to Basketball Parking	40	18-Aug-21	13-Oct-21	0	Construct R																											
2A 105	Construct Basketball Parking	40	01-Sep-21	27-Oct-21	0	Construct																											
2A 110	Construct Basketball Courts	30	30-Sep-21	10-Nov-21	0	Constru																											
2A 115	Construct Pickleball Courts	30	30-Sep-21	10-Nov-21	0	Constru																											
<b>Public Roadway Improvements</b>						80	06-Jul-20	26-Oct-20	177																								
PUB 100	Public Road Improvements - King's View Trail (estimated start mid-2020)	80	06-Jul-20*	26-Oct-20	177	Public Road Improvements - King's View Trail (estimated start mid-2020)																											
PUB 105	Public Road Improvements - Pleasant View Road (estimated start mid-2020)	80	06-Jul-20	26-Oct-20	177	Public Road Improvements - Pleasant View Road (estimated start mid-2020)																											
<b>Amenity Area Construction</b>						110	03-May-21	06-Oct-21	15																								
AMEN 100	Foundations for Amenity Features & Bride (not yet designed)	30	03-May-21	14-Jun-21	15	Foundations for Amenity Features																											
AMEN 105	Erect Amenity Features & Construct Play Areas (not yet designed)	80	15-Jun-21	06-Oct-21	15	Erect Amenity																											
<b>Picnic &amp; Cross Country Facilities</b>						40	16-Sep-21	10-Nov-21	0																								

- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

**Pleasant Park Development - Town of Apex, NC**  
**JM Thompson Company**  
**Program Planning Schedule**



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Total Float	2020												2021											
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4A 100	Construct Picnic Shelter	30	16-Sep-21	27-Oct-21	0																								
4A 110	Walks, Landscape & Misc. Picnic/Cross Country Facilities	20	14-Oct-21	10-Nov-21	0																								
4A 105	Construct Cross Country Start/Finish Zone	10	28-Oct-21	10-Nov-21	0																								

-  Remaining Level of Effort
-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Milestone

**Pleasant Park Development - Town of Apex, NC**  
**JM Thompson Company**  
**Program Planning Schedule**



# Project Estimate

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## VII.



# Pleasant Park

## GMP -1 w/Budget Summary

January 06, 2020

Division: Description:		Cost:		
BP2.0	Earthwork & Storm Drainage	Bid	\$	5,712,870.00
BP2.1	Segmental Walls	Bid	\$	689,484.00
BP2.2	Bridge		\$	250,000.00
BP2.3	Utilities	Bid	\$	1,451,328.00
BP2.4	Fields & Turf		\$	7,278,461.00
BP2.5	Asphalt Paving (inc. Courts, Curb & Gutter)		\$	1,919,541.00
BP2.6	Site Concrete		\$	781,857.00
BP2.7	Fencing		\$	949,448.00
BP2.8	Landscaping		\$	1,010,686.00
BP3.0	Building Concrete		\$	294,893.00
BP4.0	Masonry		\$	502,202.00
BP5.0	Misc. Metals		\$	74,475.00
BP6.0	Rough Carpentry		\$	1,000,236.00
BP6.1	Trusses		\$	89,120.00
BP6.2	Casework & Cabinetry		\$	17,283.00
BP7.0	Roofing		\$	623,512.00
BP7.1	Metal Panels		\$	24,000.00
BP7.3	Caulking & Sealants		\$	65,642.00
BP8.0	Doors, Frames & Hardware		\$	74,450.00
BP8.1	Glass & Glazing		\$	79,750.00
BP8.2	Overhead Doors & Coiling Shutters		\$	29,000.00
BP9.0	Framing, Drywall & Acoustic Ceilings		\$	99,619.00
BP9.1	Painting		\$	64,018.00
BP9.2	Flooring		\$	32,576.00
BP10.0	Toilet Partitions & Accessories		\$	80,227.00
BP10.1	Lockers		\$	17,907.00
BP10.2	Fire Extinguishers		\$	4,550.00
BP10.3	Signage		\$	37,950.00
BP10.4	Flagpoles		\$	6,000.00
BP10.6	Canopies		\$	87,200.00
BP11.0	Playground Equipment		\$	-
BP11.1	Athletic Equipment		\$	224,000.00
BP12.0	Site Amenities (Garbage cans & Bike racks)		\$	32,411.00
BP12.1	Roller shades		\$	2,850.00
BP13.0	Splashpad		\$	224,667.00





**Standard Estimate Report**  
*Pleasant Park DD*

<b>Project name</b>	Pleasant Park DD
<b>Document</b>	DD Estimate
<b>Estimator</b>	Mike Pritt
<b>Labor rate table</b>	Standard
<b>Equipment rate table</b>	Standard
<b>Job size</b>	95 ac
<b>Project</b>	CM @ Risk
<b>Report format</b>	Sorted by 'Bid Package' 'Detail' summary

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount	Amount
<b>BP02.0 Earthwork &amp; Storm</b>												
05	Earthwork & Storm	1.00	LS	-	-	-	-	5,571,864.00 /LS	5,571,864	-	-	5,571,864
05	Excavate unsuitable soils & stockpile on site at noted location (Allowance 1)	8,500.00	cuyd	-	-	-	-	7.50 /cuyd	63,750	-	-	63,750
05	Excavate unsuitable soils & haul off site (Allowance 2)	500.00	cuyd	-	-	-	-	21.00 /cuyd	10,500	-	-	10,500
05	Provide, import & place ABC stone (Allowance 7)	100.00	TN	-	-	-	-	27.00 /TN	2,700	-	-	2,700
05	Provide, import & place compactable fill (Allowance 9)	100.00	cuyd	-	-	-	-	35.00 /cuyd	3,500	-	-	3,500
05	Place compactable fill from stockpile (Allowance 10)	100.00	cuyd	-	-	-	-	13.00 /cuyd	1,300	-	-	1,300
05	Provide, import & place structural process fill (Allowance 12)	1,000.00	TN	-	-	-	-	21.00 /TN	21,000	-	-	21,000
05	Provide, install 6" HDPE Drain Leaders (Allowance 13)	900.00	Inft	-	-	-	-	36.00 /Inft	32,400	-	-	32,400
05	Provide, install 6" HDPE Drain Leader Bend (Allowance 14)	16.00	each	-	-	-	-	71.00 /each	1,136	-	-	1,136
05	Provide, install 6" HDPE Drain Clean Outs (Allowance 15)	16.00	each	-	-	-	-	295.00 /each	4,720	-	-	4,720
05	Stream Buffer to be removed	30,589.00	sf	-	-	-	-	-	-	-	-	-
10	Phase 3 Site Cut to Fill	107,404.00	cuyd	-	-	-	-	0.00	0	-	-	-
10	Phase 2 Site Cut to Fill	10,091.00	cuyd	-	-	-	-	0.00	0	-	-	-
10	Phase 1 Site Cut to Fill	159,539.00	cuyd	-	-	-	-	0.00	0	-	-	-
10	Phase 4 Site Cut to Fill	6,947.00	cuyd	-	-	-	-	0.00	0	-	-	-
20	Phase 3 Site Cut to Stockpile	1,717.00	cuyd	-	-	-	-	0.00	0	-	-	-
20	Phase 4 Site Cut to Stockpile	27,690.00	cuyd	-	-	-	-	0.00	0	-	-	-
50	Phase 2 Site fill From Borrow	5,409.00	cuyd	-	-	-	-	0.00	0	-	-	-
50	Phase 1 Site fill From Borrow	26,367.00	cuyd	-	-	-	-	0.00	0	-	-	-
20	Silt Fence	3,500.00	Inft	-	-	-	-	0.00	0	-	-	-
25	Tree Protection Fence	1,500.00	Inft	-	-	-	-	0.00	0	-	-	-
30	Erosion Control Pond	2.00	LS	-	-	-	-	0.00	0	-	-	-
50	Temporary Seeding	1.00	LS	-	-	-	-	0.00	0	-	-	-
55	Maintain Erosion Control	1.00	lsum	-	-	-	-	0.00	0	-	-	-
60	Inlet Protection	1.00	each	-	-	-	-	0.00	0	-	-	-
10	Soil Poisoning	17,985.00	sqft	-	-	-	-	0.00	0	-	-	-
90	Dewatering for Construction	1.00	lsum	-	-	-	-	0.00	0	-	-	-
90	Storm Drainage & Ponds	1.00	lsum	-	-	-	-	0.00	0	-	-	-
90	Culvert / Bridge	1.00	lsum	-	-	-	-	0.00	0	-	-	-
310	30" RCP	80.00	Inft	-	-	-	-	0.00	0	-	-	-
310	42" RCP	104.00	Inft	-	-	-	-	0.00	0	-	-	-
310	42" HDPE Storm	700.00	Inft	-	-	-	-	0.00	0	-	-	-
310	36" HDPE Storm	300.00	Inft	-	-	-	-	0.00	0	-	-	-
310	30" HDPE Storm	30.00	Inft	-	-	-	-	0.00	0	-	-	-
310	24" HDPE Storm	1,440.00	Inft	-	-	-	-	0.00	0	-	-	-
310	18" HDPE Storm	2,260.00	Inft	-	-	-	-	0.00	0	-	-	-
310	15" HDPE Storm	4,500.00	Inft	-	-	-	-	0.00	0	-	-	-
315	15" RCP	130.00	Inft	-	-	-	-	0.00	0	-	-	-
325	18" RCP	18.00	Inft	-	-	-	-	0.00	0	-	-	-
<b>BP02.0 Earthwork &amp; Storm</b>								<b>5,712,870</b>			<b>5,712,870</b>	
<b>BP02.1 Segmental retaining walls</b>												
10	Segmental Retaining Walls	1.00	LS	-	-	-	-	689,848.00 /LS	689,848	-	-	689,848
10	Segmented Retaining Walls #8	1,450.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #7	947.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #6	1,183.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #5	3,978.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #4	280.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #3	1,127.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #2	2,795.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #1	2,416.00	sqft	-	-	-	-	0.00	0	-	-	-
10	Structural fill at walls	24,642.00	tn	-	-	-	-	0.00	0	-	-	-
10	Segmented Retaining Walls #10	15,221.00	sqft	-	-	-	-	0.00	0	-	-	-
<b>BP02.1 Segmental retaining walls</b>								<b>689,848</b>			<b>689,848</b>	
<b>BP02.2 Bridge</b>												
05	Bridge	1.00	LS	-	-	-	-	250,000.00 /LS	250,000	-	-	250,000
<b>BP02.2 Bridge</b>								<b>250,000</b>			<b>250,000</b>	
<b>BP02.3 Utilities</b>												
10	Utilities	1.00	LS	-	-	-	-	1,418,828.00 /LS	1,418,828	-	-	1,418,828
10	Trench rock excavation & hauled off site (Allowance 5)	100.00	cuyd	-	-	-	-	150.00 /cuyd	15,000	-	-	15,000
10	Provide, import and place #57 stone	500.00	TN	-	-	-	-	35.00 /TN	17,500	-	-	17,500
10	Wet Well	1.00	LS	-	-	-	-	0.00	0	-	-	-
10	2" Water Distribution Piping	350.00	Inft	-	-	-	-	0.00	0	-	-	-
10	1 -1/2" Water Distribution Piping	110.00	Inft	-	-	-	-	0.00	0	-	-	-

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount	Amount
<b>BP02.3 Utilities</b>												
10	1" Irrigation piping	100.00	Inft	-	-	-	-	0.00	0	-	-	
10	Pump Station water	1.00	LS	-	-	-	-	0.00	0	-	-	
10	Force main	1.00	LS	-	-	-	-	0.00	0	-	-	
10	Irrigation Meter Assemble	1.00	LS	-	-	-	-	0.00	0	-	-	
85	Hydrants	7.00	each	-	-	-	-	0.00	0	-	-	
94	Water Service Accessories	1.00	LS	-	-	-	-	0.00	0	-	-	
94	Water Meter	6.00	each	-	-	-	-	0.00	0	-	-	
10	Sanitary Sewer DIP	1,260.00	LF	-	-	-	-	0.00	0	-	-	
10	Sanitary Sewer 8" PVC	870.00	lsum	-	-	-	-	0.00	0	-	-	
10	Sanitary Manholes	13.00	lsum	-	-	-	-	0.00	0	-	-	
10	Sanitary Sewer 4" PVC	460.00	lsum	-	-	-	-	0.00	0	-	-	
120	6" DIP	980.00	Inft	-	-	-	-	0.00	0	-	-	
125	8" DIP	2,660.00	Inft	-	-	-	-	0.00	0	-	-	
135	12" DIP	800.00	Inft	-	-	-	-	0.00	0	-	-	
<b>BP02.3 Utilities</b>								<b>1,451,328</b>			<b>1,451,328</b>	
<b>BP02.4 Fields &amp; Turf</b>												
30	Baseball field Surface	354,501.00	SF	-	-	-	-	7.67 /SF	2,719,023	-	-	2,719,023
30	Soccer Field 5 & 6 Surface	194,000.00	SF	-	-	-	-	7.65 /SF	1,484,100	-	-	1,484,100
30	Soccer Field 3 & 4 Surface	194,005.00	SF	-	-	-	-	7.65 /SF	1,484,138	-	-	1,484,138
30	Soccer Field 2 Surface	108,000.00	SF	-	-	-	-	7.65 /SF	826,200	-	-	826,200
30	Soccer field 1 Surface	100,000.00	SF	-	-	-	-	7.65 /SF	765,000	-	-	765,000
<b>BP02.4 Fields &amp; Turf</b>								<b>7,278,461</b>			<b>7,278,461</b>	
<b>BP02.5 Asphalt Paving / Curb &amp; Gutter</b>												
30	Basketball Courts Surface	10,200.00	SF	-	-	-	-	12.00 /SF	122,400	-	-	122,400
30	Pickle Ball courts Surface	2,700.00	SF	-	-	-	-	12.00 /SF	32,400	-	-	32,400
30	Tennis Courts - Surface	11,500.00	SF	-	-	-	-	12.00 /SF	138,000	-	-	138,000
10	24" Curb & Gutter	12,220.00	Inft	-	-	-	-	30.00 /Inft	366,600	-	-	366,600
10	30" Curb & Gutter	1.00	Inft	-	-	-	-	0.01 /Inft	0	-	-	0
10	18" Curb & Gutter	1.00	Inft	-	-	-	-	0.01 /Inft	0	-	-	0
20	Ligh Duty Paving & Base	32,269.00	sqyd	-	-	-	-	28.00 /sqyd	903,532	-	-	903,532
20	Heavy Duty Paving & Base	11,439.00	sqyd	-	-	-	-	31.00 /sqyd	354,609	-	-	354,609
20	Handicap Parking Symbols	8.00	each	-	-	-	-	250.00 /each	2,000	-	-	2,000
<b>BP02.5 Asphalt Paving / Curb &amp; Gutter</b>								<b>1,919,541</b>			<b>1,919,541</b>	
<b>BP02.6 Site Concrete</b>												
10	Site walls @ BB Fields	1.00	LS	-	-	-	-	110,000.00 /LS	110,000	-	-	110,000
10	Concrete Prep	25,264.00	sqft	-	-	-	-	1.00 /sqft	25,264	-	-	25,264
20	Stone Base	375.00	tons	-	-	-	-	35.00 /tons	13,125	-	-	13,125
30	5' Sidewalk	4,851.00	sf	-	-	-	-	5.25 /sf	25,468	-	-	25,468
30	HC Ramps	12.00	sf	-	-	-	-	850.00 /sf	10,200	-	-	10,200
70	10' Concrete path	24,350.00	sf	-	-	-	-	8.00 /sf	194,800	-	-	194,800
70	Concrete path @ BB Fields	62,000.00	sf	-	-	-	-	6.50 /sf	403,000	-	-	403,000
<b>BP02.6 Site Concrete</b>								<b>781,857</b>			<b>781,857</b>	
<b>BP02.7 Fencing</b>												
10	Chain Link Fence Temp	298.00	Inft	-	-	-	-	8.00 /Inft	2,384	-	-	2,384
10	Field Fence 1 - 10' Fence (netting separate)	1,271.00	Inft	-	-	-	-	65.00 /Inft	82,615	-	-	82,615
10	Field Fence 2 - 10' Fence (netting Separate)	1,315.00	Inft	-	-	-	-	65.00 /Inft	85,475	-	-	85,475
10	Field Fence 3 & 4 - 10' Fence (Netting Separate)	1,280.00	Inft	-	-	-	-	65.00 /Inft	83,200	-	-	83,200
10	Wall Fence - 4' chaining	468.00	Inft	-	-	-	-	65.00 /Inft	30,420	-	-	30,420
10	Tennis court fencing w/ windscreen	753.00	Inft	-	-	-	-	65.00 /Inft	48,945	-	-	48,945
10	Field Fence 5 & 6 - 10' Fence (Netting Separate)	1,280.00	Inft	-	-	-	-	65.00 /Inft	83,200	-	-	83,200
10	Chain Link Fence Temp - For completing soccer field early	1,500.00	Inft	-	-	-	-	8.00 /Inft	12,000	-	-	12,000
10	7' Chain Link Fence Black Vinyl Coated	17.00	lf	-	-	-	-	111.765 /lf	1,900	-	-	1,900
30	Guard Rail @ roadway	199.00	Inft	-	-	-	-	145.00 /Inft	28,855	-	-	28,855
----	7'x3' Chain Link Gate	1.00	each	-	-	-	-	950.00 /each	950	-	-	950
50	Baseball Netting	20,000.00	SF	-	-	-	-	15.00 /SF	300,000	-	-	300,000
50	Netting @ Soccer fields	41,168.00	SF	-	-	-	-	3.00 /SF	123,504	-	-	123,504
10	Misc. Concrete Drive apron	500.00	SF	-	-	-	-	8.00 /SF	4,000	-	-	4,000
900	Metal Gates @ Soccer Field 5 & 6	4.00	each	0.00	0	-	-	1,000.00 /each	4,000	-	-	4,000
900	Metal Gates @ Soccer field 3 & 4	4.00	each	0.00	0	-	-	1,000.00 /each	4,000	-	-	4,000
900	Metal Gates @ Soccer field 2	4.00	each	0.00	0	-	-	1,000.00 /each	4,000	-	-	4,000
900	Metal Gates @ Soccer field 1	4.00	each	0.00	0	-	-	1,000.00 /each	4,000	-	-	4,000
900	Fence gates @ Tennis Courts	4.00	each	0.00	0	-	-	1,000.00 /each	4,000	-	-	4,000
900	Batting cage fencing	240.00	LF	0.00	0	-	-	135.00 /LF	32,400	-	-	32,400
----	7" Steel Fencing	16.00	lf	-	-	-	-	350.00 /lf	5,600	-	-	5,600
----	7'x3' Steel Gates	4.00	ea	-	-	-	-	500.00 /ea	2,000	-	-	2,000
----	9' In Ground Fence Post	8.00	ea	-	-	-	-	250.00 /ea	2,000	-	-	2,000

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount
<b>BP02.7 Fencing</b>							<b>949,448</b>				<b>949,448</b>
<b>BP02.8 Landscaping &amp; Pavers</b>											
110	Splash Zone Pavers on Conc.	4,486.00	sqft	-	-	-	20.00 /sqft	89,720	-	-	89,720
10	Irrigation System	1.00	lsum	-	-	-	75,000.00 /lsum	75,000	-	-	75,000
500	Irrigation Sleeves	500.00	lnft	-	-	-	20.00 /lnft	10,000	-	-	10,000
40	Watering& Maintenance / Warranty	1.00	lsum	-	-	-	124,350.00 /lsum	124,350	-	-	124,350
40	Love grass	28,000.00	SF	-	-	-	0.32 /SF	8,960	-	-	8,960
40	Fine grading for landscape	1.00	lsum	-	-	-	22,680.00 /lsum	22,680	-	-	22,680
40	Matting	375,000.00	SF	-	-	-	0.23 /SF	86,250	-	-	86,250
40	Planting / mulching	1.00	LS	-	-	-	161,450.00 /LS	161,450	-	-	161,450
40	SOD	76,000.00	SY	-	-	-	5.04 /SY	383,040	-	-	383,040
40	Replant RCA area	28,135.00	lsum	-	-	-	1.75 /lsum	49,236	-	-	49,236
<b>BP02.8 Landscaping &amp; Pavers</b>							<b>1,010,686</b>				<b>1,010,686</b>
<b>BP03.0 Building Concrete</b>											
10	Soil Treatment	2,176.00	sf	-	-	-	0.12 /sf	261	-	-	261
10	Soil Treatment	5,925.00	sf	-	-	-	0.15 /sf	889	-	-	889
10	Soil Treatment	4,925.00	sf	-	-	-	0.15 /sf	739	-	-	739
10	Soil Treatment	3,864.00	sf	-	-	-	0.15 /sf	580	-	-	580
10	Soil Treatment	3,750.00	sf	-	-	-	0.15 /sf	563	-	-	563
10	Soil Treatment	3,520.00	sf	-	-	-	0.15 /sf	528	-	-	528
40	Footing Exc. Machine	46.00	cy	-	-	-	15.00 /cy	690	552	-	1,242
40	Footing Exc. Machine	112.00	cy	-	-	-	15.00 /cy	1,680	1,344	-	3,024
40	Footing Exc. Machine	80.00	cy	-	-	-	15.00 /cy	1,200	960	-	2,160
40	Footing Exc. Machine	72.00	cy	-	-	-	15.00 /cy	1,080	864	-	1,944
40	Footing Exc. Machine	67.00	cy	-	-	-	15.00 /cy	1,005	804	-	1,809
40	Footing Exc. Machine	48.00	cy	-	-	-	15.00 /cy	720	576	-	1,296
41	Excavate @ Slab Turn Down	61.00	cy	-	-	-	20.00 /cy	1,220	915	-	2,135
41	Excavate @ Slab Turn Down	50.00	cy	-	-	-	20.00 /cy	1,000	750	-	1,750
41	Excavate @ Slab Turn Down	50.00	cy	-	-	-	20.00 /cy	1,000	750	-	1,750
41	Excavate @ Slab Turn Down	25.00	cy	-	-	-	20.00 /cy	500	375	-	875
43	Excavate @ Thickened Slabs	1.50	cy	-	-	-	30.00 /cy	45	30	-	75
43	Excavate @ Thickened Slabs	6.00	cy	-	-	-	30.00 /cy	180	120	-	300
43	Excavate @ Thickened Slabs	2.00	cy	-	-	-	30.00 /cy	60	40	-	100
43	Excavate @ Thickened Slabs	1.25	cy	-	-	-	30.00 /cy	38	25	-	63
43	Excavate @ Thickened Slabs	1.25	cy	-	-	-	30.00 /cy	38	75	-	113
43	Excavate @ Thickened Slabs	2.00	cy	-	-	-	30.00 /cy	60	40	-	100
24	Place Washed Stone Base @ S.O.G.	24.00	cy	-	-	-	15.00 /cy	360	120	-	480
24	Place Washed Stone Base @ S.O.G.	66.00	cy	-	-	-	7.00 /cy	462	462	-	924
24	Place Washed Stone Base @ Ext. Slab	50.00	cy	-	-	-	15.00 /cy	750	250	-	1,000
24	Place Washed Stone Base @ S.O.G.	9.00	cy	-	-	-	7.00 /cy	63	63	-	126
24	Place Washed Stone Base @ Ext. Slab	37.00	cy	-	-	-	15.00 /cy	555	185	-	740
24	Place Washed Stone Base @ S.O.G.	9.00	cy	-	-	-	15.00 /cy	135	45	-	180
24	Place Washed Stone Base Under Slab	9.00	cy	-	-	-	15.00 /cy	135	45	-	180
24	Place Washed Stone Base @ Ext. Slab	37.00	cy	-	-	-	15.00 /cy	555	185	-	740
24	Place Washed Stone Base @ Ext. Slab	26.00	cy	-	-	-	15.00 /cy	390	130	-	520
24	Place Washed Stone Base @ S.O.G.	17.00	cy	-	-	-	15.00 /cy	255	85	-	340
33	# 57 Stone @ S.O.G.	32.00	ton	-	-	27.50 /ton	880	-	-	-	880
33	# 57 Stone Under S.O.G.	89.00	ton	-	-	27.50 /ton	2,448	-	-	-	2,448
33	# 57 Stone @ Ext. Slab	68.00	ton	-	-	27.50 /ton	1,870	-	-	-	1,870
33	# 57 Stone @ S.O.G.	12.00	ton	-	-	27.50 /ton	330	-	-	-	330
33	# 57 Stone Under Ext. Slab	49.00	ton	-	-	27.50 /ton	1,348	-	-	-	1,348
33	# 57 Stone @ S.O.G.	12.00	ton	-	-	27.50 /ton	330	-	-	-	330
33	# 57 Stone @ S.O.G.	12.00	ton	-	-	27.50 /ton	330	-	-	-	330
33	# 57 Stone Under Ext. Slab	49.00	ton	-	-	27.50 /ton	1,348	-	-	-	1,348
33	#57 Stone Under Ext. Slab	35.00	ton	-	-	27.50 /ton	963	-	-	-	963
33	# 57 Stone @ Slab On Grade	24.00	ton	-	-	27.50 /ton	660	-	-	-	660
10	Footing Bckfill-Stockpile	14.00	cy	-	-	-	20.00 /cy	280	140	-	420
10	Footing Bckfill-Stockpile	39.00	cy	-	-	-	20.00 /cy	780	390	-	1,170
10	Footing Bckfill-Stockpile	9.00	cy	-	-	-	20.00 /cy	180	90	-	270
10	Footing Bckfill-Stockpile	33.00	cy	-	-	-	20.00 /cy	660	330	-	990
10	Footing Bckfill-Stockpile	29.00	cy	-	-	-	20.00 /cy	580	290	-	870
10	Footing Bckfill-Stockpile	17.00	cy	-	-	-	20.00 /cy	340	170	-	510
20	Backfill @ Turndown Edge	47.00	cy	-	-	-	16.00 /cy	752	564	-	1,316
20	Backfill @ Ext. Slab Edge	39.00	cy	-	-	-	20.00 /cy	780	468	-	1,248
20	Backfill @ Turn Down Slab Edge	39.00	cy	-	-	-	18.00 /cy	702	468	-	1,170
20	Backfill @ Turn Down Edge	20.00	cy	-	-	-	16.00 /cy	320	240	-	560
50	8" Slab On Grade Forms	31.00	lf	-	3.00 /lf	93	9.00 /lf	279	-	-	372
50	8" Slab On Grade Edge Forms	48.00	lf	-	3.00 /lf	144	9.00 /lf	432	-	-	576
50	8" Slab On Grade Forms	21.00	lf	-	3.00 /lf	63	9.00 /lf	189	-	-	252
50	8" Slab On Grade Edge Forms	21.00	lf	-	3.00 /lf	63	9.00 /lf	189	-	-	252
50	8" Slab On Grade Forms	20.00	lf	-	3.00 /lf	60	10.00 /lf	200	-	-	260
50	8" Slab On Grade Edge Forms	15.00	lf	-	3.00 /lf	45	9.00 /lf	135	-	-	180
55	Slab Turn Down Edge Forms	556.00	sf	-	3.50 /sf	1,946	9.00 /sf	5,004	-	-	6,950
55	Ext. Slab Turn Down Edge Form	460.00	sf	-	3.50 /sf	1,610	9.00 /sf	4,140	-	-	5,750
55	Ext. Slab Turn Down Forms	460.00	sf	-	3.50 /sf	1,610	9.00 /sf	4,140	-	-	5,750
55	Turn Down Slab Forms	230.00	sf	-	3.50 /sf	805	9.00 /sf	2,070	-	-	2,875
125	Set Anchor Bolts	48.00	ea	-	-	-	10.00 /ea	480	-	-	480
125	Set Anchor Bolts	40.00	ea	-	-	-	10.00 /ea	400	-	-	400

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount
<b>BP03.0</b>	<b>Building Concrete</b>										
125	Set Anchor Bolts	40.00	ea	-	-	-	10.00 /ea	400	-	-	400
125	Set Anchor Bolts	16.00	ea	-	-	-	10.00 /ea	160	-	-	160
130	Grout Base Plates	6.00	ea	-	8.00 /ea	48	15.00 /ea	90	-	-	138
130	Grout Base Plates	10.00	ea	-	8.00 /ea	80	15.00 /ea	150	-	-	230
130	Grout Base Plates	10.00	ea	-	8.00 /ea	80	15.00 /ea	150	-	-	230
130	Grout Base Plates	4.00	ea	-	8.00 /ea	32	15.00 /ea	60	-	-	92
65	Floor Sealer @ Slab On Grade	1,427.00	sf	-	0.08 /sf	114	0.30 /sf	428	-	-	542
65	Floor Sealers @ S.O.G.	2,272.00	sf	-	0.08 /sf	182	0.30 /sf	682	-	-	863
65	Floor Sealers @ S.O.G.	550.00	sf	-	0.08 /sf	44	0.30 /sf	165	-	-	209
65	Floor Sealers @ S.O.G.	691.00	sf	-	0.08 /sf	55	0.30 /sf	207	-	-	263
65	Floor Sealer @ Slab On Grade	691.00	sf	-	0.08 /sf	55	0.30 /sf	207	-	-	263
65	Floor Sealer @ Slab On Grade	65.00	sf	-	0.08 /sf	5	0.30 /sf	20	-	-	25
80	Saw Cut Joints @ S.O.G.	111.00	lf	-	-	-	1.25 /lf	139	-	-	139
80	Saw Cut Joints	443.00	lf	-	-	-	1.25 /lf	554	-	-	554
80	Saw Cut Joints @ Ext. Slab	80.00	lf	-	-	-	1.25 /lf	100	-	-	100
80	Saw Cut Joints @ Ext. Slabs	201.00	lf	-	-	-	1.25 /lf	251	302	-	553
80	Saw Cut Joints @ Slab On Grade	80.00	lf	-	-	-	1.25 /lf	100	-	-	100
80	Saw Cut Joints @ Ext. Slabs	201.00	lf	-	-	-	1.25 /lf	251	240	-	491
80	Saw Cut Joints @ Int. Slab	80.00	lf	-	-	-	1.25 /lf	100	-	-	100
80	Saw Cut Joints @ Exterior Slab	79.00	lf	-	-	-	1.25 /lf	99	-	-	99
80	Saw Cut Joints @ Slab On Grade	108.00	lf	-	-	-	1.25 /lf	135	-	-	135
100	Protect & Cure Slab On Grade	1,895.00	sf	-	0.02 /sf	38	0.06 /sf	114	-	-	152
100	Protect & Cure Slabs On Grade	5,353.00	sf	-	0.02 /sf	107	0.06 /sf	321	-	-	428
100	Protect & Cure Exterior Slabs	4,072.00	sf	-	0.03 /sf	122	0.06 /sf	244	-	-	366
100	Protect & Cure Slab On Grade	701.00	sf	-	0.02 /sf	14	0.06 /sf	42	-	-	56
100	Protect & Cure Exterior Slab	2,970.00	sf	-	0.04 /sf	119	0.07 /sf	208	-	-	327
100	Protect & Cure Slab On Grade	724.00	sf	-	0.02 /sf	14	0.07 /sf	51	-	-	65
100	Protect & Cure Slab On Grade	724.00	sf	-	0.08 /sf	58	0.07 /sf	51	-	-	109
100	Protect & Cure Ext. Slab	2,970.00	sf	-	0.04 /sf	119	0.07 /sf	208	-	-	327
100	Protect & Cure Ext. Slab	2,113.00	sf	-	0.03 /sf	63	0.07 /sf	148	-	-	211
100	Protect & Cure Slab On Grade	1,401.00	sf	-	0.02 /sf	28	0.07 /sf	98	-	-	126
30	4" Exp. Joint Filler	302.00	lf	-	0.242 /lf	73	0.65 /lf	196	-	-	269
30	4" Exp. Joint Filler	561.00	lf	-	0.275 /lf	154	0.65 /lf	365	-	-	519
30	4" Exp. Joint Filler @ Ext. Slabs	219.00	lf	-	0.275 /lf	60	0.65 /lf	142	-	-	203
30	4" Exp. Joint Filler @ S.O.G.	118.00	lf	-	0.275 /lf	32	0.65 /lf	77	-	-	109
30	4" Exp. Joint Filler @ Slab On Grade	162.00	lf	-	0.275 /lf	45	0.65 /lf	105	-	-	150
30	4" Exp. Joint Filler @ Ext. Slabs	218.00	lf	-	0.275 /lf	60	0.65 /lf	142	-	-	202
30	4" Exp. Joint Filler @ Slab On Grade	162.00	lf	-	0.275 /lf	45	0.65 /lf	105	-	-	150
30	4" Exp. Joint Filler @ Slab On Grade	153.00	lf	-	0.275 /lf	42	0.65 /lf	99	-	-	142
31	4" Expansion Jt. @ Ext. Slabs	218.00	lf	-	0.33 /lf	72	0.65 /lf	142	-	-	214
31	4" Expansion Jt. @ Ext. Slabs	122.00	lf	-	0.275 /lf	34	0.65 /lf	79	-	-	113
40	15 Mil Vapor Barrier @ S.O.G.	1,895.00	sf	-	0.033 /sf	63	0.05 /sf	95	-	-	157
40	15 Mil Vapor Barrier	5,353.00	sf	-	0.154 /sf	824	0.05 /sf	268	-	-	1,092
40	15 Mil Vapor Barrier	701.00	sf	-	0.154 /sf	108	0.06 /sf	42	-	-	150
40	15 Mil Vapor Barrier	724.00	sf	-	0.154 /sf	112	0.06 /sf	43	-	-	155
40	15 Mil Vapor Barrier	724.00	sf	-	0.154 /sf	112	0.06 /sf	43	-	-	155
40	15 Mil Vapor Barrier	1,401.00	sf	-	0.033 /sf	46	0.05 /sf	70	-	-	116
10	Reinforcing Steel	1.00	ton	-	1,102.50 /ton	1,103	450.00 /ton	450	-	-	1,553
10	Reinforcing Steel	2.06	ton	-	1,102.50 /ton	2,271	450.00 /ton	927	-	-	3,198
10	Reinforcing Steel	0.86	ton	-	1,102.50 /ton	948	450.00 /ton	387	-	-	1,335
10	Reinforcing Steel	1.00	ton	-	1,102.50 /ton	1,103	450.00 /ton	450	-	-	1,553
10	Reinforcing Steel	1.00	ton	-	1,102.50 /ton	1,103	450.00 /ton	450	-	-	1,553
10	Reinforcing Steel	1.30	tons	-	1,102.50 /tons	1,433	450.00 /tons	585	-	-	2,018
----	Epoxy Set Rebar	20.00	ea	-	4.00 /ea	80	15.00 /ea	300	-	-	380
----	Epoxy Set Dowels	80.00	each	-	4.00 /each	320	15.00 /each	1,200	-	-	1,520
----	Epoxy Dowels @ Thickened Slabs	30.00	ea	-	4.00 /ea	120	20.00 /ea	600	-	-	720
----	Epoxy Set Dowels	18.00	ea	-	4.00 /ea	72	15.00 /ea	270	-	-	342
----	Epoxy Set Dowels	18.00	each	-	4.00 /each	72	15.00 /each	270	-	-	342
----	Epoxy Set Dowels	24.00	ea	-	4.00 /ea	96	15.00 /ea	360	-	-	456
10	6x6 W2.9xW2.9 WWF	2,123.00	sf	-	0.33 /sf	701	0.10 /sf	212	-	-	913
10	6x6 W2.9xW2.9 WWF	5,888.00	sf	-	0.33 /sf	1,943	0.10 /sf	589	-	-	2,532
10	6x6 W2.9xW2.9 WWF	5,414.00	sf	-	0.33 /sf	1,787	0.10 /sf	541	-	-	2,328
10	6x6 W2.9xW2.9 WWF	4,250.00	sf	-	0.33 /sf	1,403	0.10 /sf	425	-	-	1,825
10	6x6 W2.9xW2.9 WWF	4,301.00	sf	-	0.33 /sf	1,419	0.10 /sf	430	-	-	1,849
10	6x6 W2.9xW2.9 WWF	4,207.00	sf	-	0.33 /sf	1,388	0.10 /sf	421	-	-	1,809
20	Place Footing Concrete	20.00	cy	-	-	-	16.00 /cy	320	-	-	320
20	Place Footing Concrete	51.00	cy	-	-	-	16.00 /cy	816	-	-	816
20	Place Footing Concrete	35.00	cy	-	-	-	16.00 /cy	560	-	-	560
20	Place Footing Concrete	33.00	cy	-	-	-	16.00 /cy	528	-	-	528
20	Place Footing Concrete	22.00	cy	-	-	-	16.00 /cy	352	-	-	352
100	Place & Finish Slabs On Grade	1,895.00	sf	-	-	-	1.00 /sf	1,895	-	-	1,895
100	Place & Finish Slabs On Grade	5,353.00	sf	-	-	-	0.65 /sf	3,479	-	-	3,479
100	Place & Finish Exterior Slabs	4,072.00	sf	-	-	-	0.50 /sf	2,036	-	-	2,036
100	Place & Finish Slabs On Grade	701.00	sf	-	-	-	1.50 /sf	1,052	-	-	1,052
100	Place & Finish Exterior Slabs	2,970.00	sf	-	-	-	0.75 /sf	2,228	-	-	2,228
100	Place & Finish Slabs On Grade	724.00	sf	-	-	-	1.50 /sf	1,086	-	-	1,086
100	Place & Finish Slabs On Grade	701.00	sf	-	-	-	3.00 /sf	2,103	-	-	2,103
100	Place & Finish Exterior Slabs	2,970.00	sf	-	-	-	0.75 /sf	2,228	-	-	2,228
100	Trowel Finish Ext. Slab	2,113.00	sf	-	-	-	1.00 /sf	2,113	-	-	2,113
100	Place & Finish Slab On Grade	1,401.00	sf	-	-	-	1.00 /sf	1,401	-	-	1,401
200	Pump Concrete Slab On Grade	4.00	hrs	-	-	-	481.25 /hrs	1,925	-	-	1,925
200	Pump Concrete @ Slab On Grade	5.00	hrs	-	-	-	440.00 /hrs	2,200	-	-	2,200
200	Pump Concrete @ Exterior Slab	92.00	cy	-	-	-	0.00	0	2,200	-	2,200

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount	Amount
<b>BP03.0 Building Concrete</b>												
200	Pump Concrete @ Ext. Slab	4.00	hrs	-	-	-	-	-	-	-	1,916	1,916
200	Pump Concrete @ Ext. Slab	4.00	hrs	-	-	-	-	-	-	-	1,925	1,925
200	Pump Concrete @ Ext. Slabs	3.00	hrs	-	-	-	-	-	-	-	1,650	1,650
20	3000 PSI Footings	20.00	cy	-	144.90	/cy	2,898	-	-	-	-	2,898
20	3000 PSI Footings	51.00	cy	-	144.90	/cy	7,390	-	-	-	-	7,390
20	3000 PSI Footings	35.00	cy	-	144.90	/cy	5,072	-	-	-	-	5,072
20	3000 PSI Slab On Grade	11.00	cy	-	138.60	/cy	1,525	-	-	-	-	1,525
20	3000 PSI Footings	33.00	cy	-	132.300	/cy	4,366	-	-	-	-	4,366
20	3000 PSI Footings	22.00	cy	-	144.90	/cy	3,188	-	-	-	-	3,188
40	3500 PSI Slab On Grade	25.00	cy	-	140.800	/cy	3,520	-	-	-	-	3,520
40	3500 PSI Concrete @ Ext. Slabs	73.00	cy	-	140.800	/cy	10,278	-	-	-	-	10,278
40	3500 PSI Concrete @ Ext. Slabs	92.00	cy	-	140.800	/cy	12,954	-	-	-	-	12,954
40	3500 PSI Slab On Grade	11.50	cy	-	140.800	/cy	1,619	-	-	-	-	1,619
40	3500 PSI Exterior Slab	71.00	cy	-	138.60	/cy	9,841	-	-	-	-	9,841
40	3500 PSI S.O.G.	11.00	cy	-	138.60	/cy	1,525	-	-	-	-	1,525
40	3500 PSI Exterior Slab	71.00	cy	-	138.60	/cy	9,841	-	-	-	-	9,841
40	3500 PSI Slab On Grade	19.00	cy	-	134.40	/cy	2,554	-	-	-	-	2,554
50	4000 PSI Ext. Slab	43.00	cy	-	136.50	/cy	5,870	-	-	-	-	5,870
40	Fine Grade @ Slab On Grade	1,895.00	sf	-	0.03	/sf	57	12.00	/sf	22,740	-	22,797
40	Fine Grade @ S.O.G.	5,353.00	sf	-	0.03	/sf	161	0.12	/sf	642	300	1,103
40	Fine Grade @ Exterior Slab	4,072.00	sf	-	0.03	/sf	122	0.12	/sf	489	-	611
40	Fine Grade For Slab On Grade	701.00	sf	-	0.03	/sf	21	0.12	/sf	84	-	105
40	Fine Grade @ Ext. Slab	2,970.00	sf	-	0.03	/sf	89	12.00	/sf	35,640	-	35,729
40	Fine Grade @ Slab On Grade	724.00	sf	-	0.03	/sf	22	12.00	/sf	8,688	-	8,710
40	Fine Grade @ Ext.	2,970.00	sf	-	0.03	/sf	89	0.12	/sf	356	-	446
40	Fine Grade @ Slab On Grade	724.00	sf	-	0.03	/sf	22	0.12	/sf	87	-	109
40	Fine Grade @ Slab On Grade	1,401.00	sf	-	0.03	/sf	42	0.12	/sf	168	-	210
<b>BP03.0 Building Concrete</b>							<b>120,626</b>	<b>152,795</b>	<b>21,473</b>	<b>294,893</b>		
<b>BP04.0 Masonry</b>												
30	Precast Concrete Pier Caps	28.00	ea	-	96.00	/ea	2,688	20.00	/ea	560	-	3,248
30	Precast Concrete Pier Caps	20.00	ea	-	96.00	/ea	1,920	20.00	/ea	400	-	2,320
30	Precast Concrete Pier Caps	20.00	ea	-	96.00	/ea	1,920	20.00	/ea	400	-	2,320
30	Precast Concrete Pier Caps	8.00	ea	-	96.00	/ea	768	20.00	/ea	160	-	928
94	Special Sill Brick	45.00	ea	-	1.08	/ea	49	1.50	/ea	68	-	116
94	Special Sill Brick	60.00	ea	-	1.07	/ea	64	1.50	/ea	90	-	154
94	Accent Brick	2,960.00	ea	-	0.54	/ea	1,598	1.10	/ea	3,256	-	4,854
95	Face Brick	11,700.00	ea	-	0.432	/ea	5,054	1.10	/ea	12,870	-	17,924
95	Face Brick	19,540.00	ea	-	0.428	/ea	8,363	1.10	/ea	21,494	-	29,857
95	Face Brick	15,430.00	ea	-	0.432	/ea	6,666	1.10	/ea	16,973	-	23,639
95	Face Brick	16,341.00	ea	-	0.432	/ea	7,059	1.10	/ea	17,975	-	25,034
95	Face Brick	16,341.00	ea	-	0.428	/ea	6,994	1.10	/ea	17,975	-	24,969
95	Face Brick	13,350.00	ea	-	0.432	/ea	5,767	1.10	/ea	14,685	-	20,452
96	Accent Brick	2,987.00	ea	-	0.54	/ea	1,613	1.10	/ea	3,286	-	4,899
96	Accent Face Brick	6,330.00	ea	-	0.535	/ea	3,387	1.10	/ea	6,963	-	10,350
96	Face Brick #2	1,753.00	ea	-	0.54	/ea	947	1.10	/ea	1,928	-	2,875
96	Accent Brick	1,822.00	ea	-	0.54	/ea	984	1.10	/ea	2,004	-	2,988
96	Accent Brick	1,822.00	ea	-	0.535	/ea	975	1.10	/ea	2,004	-	2,979
99	Special Sill Brick	60.00	ea	-	1.08	/ea	65	1.50	/ea	90	-	155
----	Special Sill Brick	120.00	ea	-	1.08	/ea	130	1.50	/ea	180	-	310
----	Special Window Sill Brick	543.00	ea	-	1.07	/ea	581	1.50	/ea	815	-	1,396
----	Special Sill Brick	105.00	ea	-	1.08	/ea	113	1.50	/ea	158	-	271
20	4" Regular Block	169.00	ea	-	1.436	/ea	243	3.25	/ea	549	-	792
20	4" Regular Block	120.00	ea	-	1.436	/ea	172	3.25	/ea	390	-	562
20	4" Regular Block	120.00	ea	-	1.423	/ea	171	3.25	/ea	390	-	561
20	4" Block	48.00	ea	-	1.436	/ea	69	3.25	/ea	156	-	225
25	6" Regular Block	591.00	ea	-	1.804	/ea	1,066	3.50	/ea	2,069	-	3,134
25	6" Regular Block	1,187.00	ea	-	1.787	/ea	2,121	3.50	/ea	4,155	-	6,276
25	6" Regular Block	215.00	ea	-	1.804	/ea	388	3.50	/ea	753	-	1,140
25	6" Regular Block	214.00	ea	-	1.804	/ea	386	3.50	/ea	749	-	1,135
25	6" Regular Block	214.00	ea	-	1.787	/ea	382	3.50	/ea	749	-	1,131
25	6" Regular Block	1,055.00	ea	-	1.804	/ea	1,903	3.50	/ea	3,693	-	5,595
26	6" Beam Block	15.00	ea	-	2.16	/ea	32	3.50	/ea	53	-	85
26	6" Beam Block	40.00	ea	-	2.14	/ea	86	3.50	/ea	140	-	226
26	6" Beam Block	65.00	ea	-	2.16	/ea	140	3.50	/ea	228	-	368
30	8" Regular Block	4,588.00	ea	-	1.868	/ea	8,572	3.75	/ea	17,205	-	25,777
30	8" Regular Block	6,705.00	ea	-	1.851	/ea	12,412	3.75	/ea	25,144	-	37,555
30	8" Block	4,137.00	ea	-	1.868	/ea	7,730	3.75	/ea	15,514	-	23,243
30	8" Regular Block	4,054.00	ea	-	1.868	/ea	7,574	3.75	/ea	15,203	-	22,777
30	8" Regular Block	4,054.00	ea	-	1.851	/ea	7,504	3.75	/ea	15,203	-	22,707
30	8" Regular Block	3,860.00	ea	-	1.868	/ea	7,212	3.75	/ea	14,475	-	21,687
31	8" Beam Block	310.00	ea	-	2.732	/ea	847	3.75	/ea	1,163	-	2,010
31	8" Beam Block	665.00	ea	-	2.707	/ea	1,800	3.75	/ea	2,494	-	4,294
31	8" Beam Block	194.00	ea	-	2.732	/ea	530	3.75	/ea	728	-	1,258
31	8" Beam Block	198.00	ea	-	2.732	/ea	541	3.75	/ea	743	-	1,284
31	8" Beam Block	198.00	ea	-	2.707	/ea	536	3.75	/ea	743	-	1,279
31	8" Beam Block	280.00	ea	-	2.732	/ea	765	3.75	/ea	1,050	-	1,815
32	8" Beam Block 16" High	64.00	ea	-	2.732	/ea	175	3.75	/ea	240	-	415
32	8" Beam Block 16" High	161.00	ea	-	2.707	/ea	436	3.75	/ea	604	-	1,040
32	8" Beam Block 16" High	12.00	ea	-	2.733	/ea	33	3.75	/ea	45	-	78
32	8" Beam Block 16" High	23.00	ea	-	2.733	/ea	63	3.75	/ea	86	-	149



Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount
<b>BP04.0</b>	<b>Masonry</b>										
32	8" Beam Block 16" High	23.00 ea	-	-	2.707 /ea	62	3.75 /ea	86	-	-	149
----	1.5"x6" Cap Block	4.00 ea	-	-	2.14 /ea	9	3.50 /ea	14	-	-	23
10	Concrete Block Fill	19.00 cy	-	-	140.800 /cy	2,675	125.00 /cy	2,375	-	-	5,050
10	Concrete Block Fill	34.00 cy	-	-	82.50 /cy	2,805	70.00 /cy	2,380	-	-	5,185
10	Concrete Block Fill	14.00 cy	-	-	140.800 /cy	1,971	125.00 /cy	1,750	-	-	3,721
10	Concrete Block Fill	9.00 cy	-	-	140.800 /cy	1,267	125.00 /cy	1,125	-	-	2,392
10	Concrete Block Fill	9.00 cy	-	-	140.800 /cy	1,267	125.00 /cy	1,125	-	-	2,392
10	Concrete Block Fill	12.00 cy	-	-	140.800 /cy	1,690	125.00 /cy	1,500	-	-	3,190
10	Clean Brick	1,793.00 sf	-	-	-	-	0.40 /sf	717	-	-	717
10	Clean Brick	3,410.00 sf	-	-	-	-	0.25 /sf	853	-	-	853
10	Clean Brick	1,970.00 sf	-	-	-	-	0.40 /sf	788	-	-	788
10	Clean Brick	2,253.00 sf	-	-	-	-	0.40 /sf	901	-	-	901
10	Clean Brick	2,253.00 sf	-	-	-	-	0.40 /sf	901	-	-	901
10	Clean Brick	2,186.00 sf	-	-	-	-	0.40 /sf	874	-	-	874
20	Clean Block	6,572.00 sf	-	-	0.05 /sf	329	0.15 /sf	986	-	-	1,314
20	Clean Block	10,085.00 sf	-	-	0.03 /sf	303	0.15 /sf	1,513	-	-	1,815
20	Clean Block	1,185.00 sf	-	-	0.05 /sf	59	0.15 /sf	178	-	-	237
20	Clean Block	3,586.00 sf	-	-	0.05 /sf	179	0.15 /sf	538	-	-	717
20	Clean Block	3,586.00 sf	-	-	0.05 /sf	179	0.15 /sf	538	-	-	717
20	Clean Block	3,635.00 sf	-	-	0.05 /sf	182	0.18 /sf	654	-	-	836
10	Regular Mortar	156.00 bag	-	-	7.35 /bag	1,147	-	-	-	-	1,147
10	Regular Mortar	245.00 bag	-	-	7.49 /bag	1,835	-	-	-	-	1,835
10	Regular Mortar	132.00 bag	-	-	7.35 /bag	970	-	-	-	-	970
10	Regular Mortar	129.00 bag	-	-	7.35 /bag	948	-	-	-	-	948
10	Regular Mortar	129.00 bag	-	-	7.49 /bag	966	-	-	-	-	966
10	Regular Mortar	150.00 bag	-	-	7.56 /bag	1,134	-	-	-	-	1,134
12	Colored Mortar	133.00 bag	-	-	15.75 /bag	2,095	-	-	-	-	2,095
12	Colored Mortar	237.00 bag	-	-	16.05 /bag	3,804	-	-	-	-	3,804
12	Colored Mortar	155.00 bag	-	-	15.75 /bag	2,441	-	-	-	-	2,441
12	Colored Mortar	164.00 bag	-	-	15.75 /bag	2,583	-	-	-	-	2,583
12	Colored Mortar	164.00 bag	-	-	16.05 /bag	2,632	-	-	-	-	2,632
12	Colored Mortar	147.00 bag	-	-	16.20 /bag	2,381	-	-	-	-	2,381
20	Masonry Sand	32.00 cy	-	-	30.80 /cy	986	-	-	-	-	986
20	Masonry Sand	55.00 cy	-	-	29.96 /cy	1,648	-	-	-	-	1,648
20	Masonry Sand	32.00 cy	-	-	30.80 /cy	986	-	-	-	-	986
20	Masonry Sand	33.00 cy	-	-	30.80 /cy	1,016	-	-	-	-	1,016
20	Masonry Sand	33.00 cy	-	-	29.96 /cy	989	-	-	-	-	989
20	Masonry Sand	33.00 cy	-	-	30.24 /cy	998	-	-	-	-	998
----	Mortar Net	234.00 lf	-	-	1.15 /lf	269	1.50 /lf	351	-	-	620
----	Mortar Net	178.00 lf	-	-	1.265 /lf	225	1.50 /lf	267	-	-	492
----	Mortar Net	180.00 lnft	-	-	1.208 /lnft	217	1.50 /lnft	270	-	-	487
----	Mortar Net	535.00 lf	-	-	1.265 /lf	677	1.50 /lf	803	-	-	1,479
----	Mortar Net	184.00 lf	-	-	1.15 /lf	212	1.50 /lf	276	-	-	488
10	5 Oz. Copper Flash.	605.00 sf	-	-	2.10 /sf	1,271	-	-	-	-	1,271
10	5 Oz. Copper Flash.	1,040.00 sf	-	-	2.20 /sf	2,288	-	-	-	-	2,288
10	5 Oz. Copper Flash.	368.00 sf	-	-	2.10 /sf	773	-	-	-	-	773
10	5 Oz. Copper Flash.	379.00 sf	-	-	2.10 /sf	796	-	-	-	-	796
10	5 Oz. Copper Flash.	379.00 sf	-	-	2.20 /sf	834	-	-	-	-	834
10	5 Oz. Copper Flash.	500.00 sf	-	-	2.16 /sf	1,080	-	-	-	-	1,080
----	Mortar Net	178.00 lnft	-	-	1.15 /lnft	205	1.50 /lnft	267	-	-	472
54	2" Rigid Insulation	2,199.00 sf	-	-	1.375 /sf	3,024	1.00 /sf	2,199	-	-	5,223
54	2" Rigid Insulation	4,055.00 sf	-	-	1.375 /sf	5,576	1.00 /sf	4,055	-	-	9,631
54	2" Rigid Insulation	2,256.00 sf	-	-	1.375 /sf	3,102	1.00 /sf	2,256	-	-	5,358
54	2" Rigid Insulation	2,573.00 sf	-	-	1.375 /sf	3,538	1.00 /sf	2,573	-	-	6,111
54	2" Rigid Insulation	2,573.00 sf	-	-	1.375 /sf	3,538	1.00 /sf	2,573	-	-	6,111
54	2" Rigid Insulation	2,560.00 sf	-	-	1.375 /sf	3,520	1.00 /sf	2,560	-	-	6,080
20	6" Wall Reinforcing	200.00 lf	-	-	0.315 /lf	63	-	-	-	-	63
20	6" Wall Reinforcing	410.00 lf	-	-	0.321 /lf	132	-	-	-	-	132
20	6" Wall Reinforcing	510.00 lf	-	-	0.315 /lf	161	-	-	-	-	161
30	8" Wall Reinforcing	1,430.00 lf	-	-	0.294 /lf	420	-	-	-	-	420
30	8" Wall Reinforcing	2,280.00 lf	-	-	0.30 /lf	683	-	-	-	-	683
30	8" Wall Reinforcing	1,224.00 lf	-	-	0.294 /lf	360	-	-	-	-	360
30	8" Wall Reinforcing	898.00 lf	-	-	0.294 /lf	264	-	-	-	-	264
30	8" Wall Reinforcing	898.00 lf	-	-	0.308 /lf	277	-	-	-	-	277
30	8" Wall Reinforcing	700.00 lf	-	-	0.294 /lf	206	-	-	-	-	206
62	15" Cavity Wall Reinforcing	1,931.00 lf	-	-	0.473 /lf	912	-	-	-	-	912
62	15" Cavity Wall Reinforcing	3,170.00 lf	-	-	0.482 /lf	1,526	-	-	-	-	1,526
62	15" Cavity Wall Reinforcing	1,765.00 lf	-	-	0.472 /lf	834	-	-	-	-	834
62	15" Cavity Wall Reinforcing	2,002.00 lf	-	-	0.473 /lf	946	-	-	-	-	946
62	15" Cavity Wall Reinforcing	2,002.00 lf	-	-	0.495 /lf	991	-	-	-	-	991
62	15" Cavity Wall Reinforcing	1,990.00 lf	-	-	0.473 /lf	940	-	-	-	-	940
15	1.5" Perimeter Insulation	736.00 sf	-	-	0.88 /sf	648	0.45 /sf	331	-	-	979
15	1.5" Perimeter Insulation	1,852.00 sf	-	-	0.88 /sf	1,630	0.45 /sf	833	-	-	2,463
15	1.5" Perimeter Insulation	496.00 sf	-	-	0.88 /sf	436	0.45 /sf	223	-	-	660
15	1.5" Perimeter Insulation	612.00 sf	-	-	0.88 /sf	539	0.45 /sf	275	-	-	814
900	Foam In Place Insulation	128.00 sf	-	-	11.719 /sf	1,500	-	-	6	-	1,506
902	Foamed In Place Insulation	128.00 sf	-	-	-	-	11.719 /sf	1,500	0	-	1,500
902	Foamed In Place Insulation	128.00 sf	-	-	-	-	11.719 /sf	1,500	6	-	1,506
----	Foamed In Place 8" CMU Walls	900.00 sf	-	-	-	-	1.667 /sf	1,500	-	-	1,500

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Name	Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount		Amount	Amount	Amount
<b>BP04.0 Masonry</b>						<b>208,740</b>		<b>293,449</b>		<b>13</b>		<b>502,202</b>
<b>BP05.0 Misc. Metals</b>												
10	12"x21" Truss Support Beam	1.00 ea	-	-	-	-	7,500.00 /ea	7,500	-	-	-	7,500
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	11.00 ea	-	-	-	-	425.00 /ea	4,675	-	-	-	4,675
21	3.5"x3.5"x3/8"x4'-8" Lintels	7.00 ea	-	-	-	-	425.00 /ea	2,975	-	-	-	2,975
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	6.00 ea	-	-	-	-	425.00 /ea	2,550	-	-	-	2,550
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	6.00 ea	-	-	-	-	425.00 /ea	2,550	-	-	-	2,550
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	4.00 ea	-	-	-	-	425.00 /ea	1,700	-	-	-	1,700
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	11.00 ea	-	-	-	-	425.00 /ea	4,675	-	-	-	4,675
----	3.5"x3.5"x3/8"x7'-8" Loose Lintels	1.00 ea	-	-	-	-	750.00 /ea	750	-	-	-	750
----	3.5"x3.5"x3/8"x6" Lintels	2.00 ea	-	-	-	-	750.00 /ea	1,500	-	-	-	1,500
----	3.5"x3.5"x3/8"x7'-8" Loose Lintels	2.00 ea	-	-	-	-	750.00 /ea	1,500	-	-	-	1,500
----	3.5"x3.5"x3/8"x7'-8" Loose Lintels	2.00 ea	-	-	-	-	750.00 /ea	1,500	-	-	-	1,500
45	8"x8" Beam & Plate Lintels	1.00 ea	-	-	-	-	1,500.00 /ea	1,500	-	-	-	1,500
45	8"x 8'-8" Beam & Plate Lintels	7.00 ea	-	-	-	-	1,500.00 /ea	10,500	-	-	-	10,500
45	8"x8" Beam & Plate Lintels	2.00 ea	-	-	-	-	1,500.00 /ea	3,000	-	-	-	3,000
----	8"x9'-4" Beam & Plate Lintels	2.00 ea	-	-	-	-	1,750.00 /ea	3,500	-	-	-	3,500
----	8"x9'-4" Beam & Plate Lintels	3.00 each	-	-	-	-	2,200.00 /each	6,600	-	-	-	6,600
----	8"x10' Beam & Plate Lintels	5.00 ea	-	-	-	-	2,500.00 /ea	12,500	-	-	-	12,500
----	8"x10'-8" Beam & Plate Lintels	2.00 ea	-	-	-	-	2,500.00 /ea	5,000	-	-	-	5,000
<b>BP05.0 Misc. Metals</b>								<b>74,475</b>				<b>74,475</b>
<b>BP06.0 Rough Carpentry</b>												
60	Walking Bridge Components	1.00 LS	-	-	-	-	112,000.00 /LS	112,000	-	-	-	112,000
05	Wood Framing - Open air maintenance structure	1.00 LS	1,000.00 /LS	1,000	1,000.00 /LS	1,000	1,000.00 /LS	1,000	1,000	1,000	1,000	5,000
05	Wood Structure - Soccer scorers box	8.00 each	1,000.00 /each	8,000	1,000.00 /each	8,000	2,500.00 /each	20,000	8,000	8,000	8,000	52,000
10	3/4" Marine Plywood	144.00 sf	-	-	1.21 /sf	174	1.25 /sf	180	-	-	-	354
10	3/4" Marine Plywood	194.00 sf	-	-	1.21 /sf	235	1.25 /sf	243	-	-	-	477
24	5/8" CDX Plywood Roof Sheathing	4,360.00 sf	-	-	0.605 /sf	2,638	0.75 /sf	3,270	-	-	-	5,908
5	Wood Framing @ Cupola	670.00 bf	-	-	1.035 /bf	693	3.50 /bf	2,345	-	-	-	3,038
5	Wood Framing @ Cupola	1,407.00 bf	-	-	1.035 /bf	1,456	2.50 /bf	3,518	-	-	-	4,974
10	Wood Blocking	1,015.00 bf	-	-	0.977 /bf	992	3.50 /bf	3,553	-	-	-	4,545
10	Wood Blocking	2,510.00 bf	-	-	0.978 /bf	2,454	3.50 /bf	8,785	4,000	-	-	15,239
10	Wood Blocking	1,310.00 bf	-	-	0.978 /bf	1,281	3.50 /bf	4,585	-	-	-	5,866
11	Treated Wood Blocking	531.00 bf	-	-	1.035 /bf	550	2.00 /bf	1,062	-	-	-	1,612
11	Treated Wood Blocking	1,234.00 bf	-	-	1.035 /bf	1,277	2.00 /bf	2,468	-	-	-	3,745
11	Treated Wood Blocking	40.00 bf	-	-	1.035 /bf	41	2.00 /bf	80	-	-	-	121
11	Treated Wood Blocking	36.00 bf	-	-	-	-	3.00 /bf	108	-	-	-	108
11	Treated Wood Blocking	32.00 bf	-	-	1.035 /bf	33	4.00 /bf	128	-	-	-	161
11	Treated Wood Blocking	559.00 bf	-	-	1.035 /bf	579	2.00 /bf	1,118	-	-	-	1,697
12	Non-Com Wood Blocking	44.00 bf	-	-	1.553 /bf	68	3.00 /bf	132	-	-	-	200
10	Misc. Fasteners, Nails & Joist Hangers	1.00 lsum	-	-	3,000.00 /lsum	3,000	-	-	-	-	-	3,000
10	Misc. Fasteners, Nails & Truss Hangers	1.00 lsum	-	-	4,500.00 /lsum	4,500	-	-	-	-	-	4,500
10	Misc. Fasteners, Nails & Joist Hangers	1.00 lsum	-	-	4,500.00 /lsum	4,500	-	-	-	-	-	4,500
10	Glue Laminated Columns	4.00 ea	-	-	-	-	3,500.00 /ea	14,000	-	-	-	14,000
10	Glue-Laminated Shelter Package	5,720.00 sf	-	-	-	-	45.00 /sf	257,400	-	-	-	257,400
10	Glue-Laminated Shelter Package	4,150.00 sf	-	-	-	-	45.00 /sf	186,750	-	-	-	186,750
10	Glue Laminated Shelter Package	4,139.00 sf	-	-	-	-	45.00 /sf	186,255	-	-	-	186,255
10	Glue Laminated Wood Columns	4.00 ea	-	-	-	-	3,500.00 /ea	14,000	-	-	-	14,000
----	Glue Laminated Beams	2.00 each	-	-	-	-	6,500.00 /each	13,000	-	-	-	13,000
----	Glue Laminated Wood Beams	5.00 ea	-	-	-	-	6,500.00 /ea	32,500	-	-	-	32,500
10	1/2" MDO Plywood @ Cupola	240.00 sf	-	-	1.00 /sf	240	7.40 /sf	1,776	1,100	-	-	3,116
----	Plywood Roof Sheathing	2,781.00 sf	-	-	-	-	3.50 /sf	9,734	-	-	-	9,734
----	Plywood Sheathing	7,815.00 sf	-	-	-	-	2.50 /sf	19,538	-	-	-	19,538
----	Plywood Roof Sheathing	4,360.00 sf	-	-	-	-	2.50 /sf	10,900	-	-	-	10,900
----	Prefab Scorers Box @ Soccer Fields	2.00 each	-	-	-	-	12,000.00 /each	24,000	-	-	-	24,000
<b>BP06.0 Rough Carpentry</b>				<b>9,000</b>		<b>33,711</b>		<b>934,426</b>		<b>14,100</b>	<b>9,000</b>	<b>1,000,236</b>
<b>BP06.1 Trusses</b>												
10	Wood Trusses	137.00 ea	-	-	110.00 /ea	15,070	45.00 /ea	6,165	3,000	-	-	24,235
10	Wood Trusses	241.00 ea	-	-	125.00 /ea	30,125	40.00 /ea	9,640	3,500	-	-	43,265
10	Wood Trusses	120.00 ea	-	-	90.00 /ea	10,800	50.00 /ea	6,000	4,000	-	-	20,800
----	Temporary Truss Bracing	264.00 bf	-	-	1.035 /bf	273	-	-	-	-	-	273
----	Temporary Truss Bracing	264.00 bf	-	-	1.035 /bf	273	-	-	-	-	-	273
----	Temporary Truss Bracing	264.00 bf	-	-	1.035 /bf	273	-	-	-	-	-	273
<b>BP06.1 Trusses</b>						<b>56,815</b>		<b>21,805</b>		<b>10,500</b>		<b>89,120</b>
<b>BP06.2 Casework</b>												
10	5.5"x3/4" Solid Surface Window Sills	13.33 lf	-	-	-	-	32.00 /lf	427	-	-	-	427
10	5.5"x3/4" Solid Surface Window Sills	90.00 lf	-	-	-	-	25.00 /lf	2,250	-	-	-	2,250
10	5.5"x3/4" Solid Surface Window Sills	12.67 lf	-	-	-	-	25.00 /lf	317	-	-	-	317
10	5.5"x3/4" Solid Surface Window Sills	-	-	-	-	-	-	-	-	-	-	-
10	5.5"x3/4" Solid Surface Window Sills	6.00 lf	-	-	-	-	25.00 /lf	150	-	-	-	150
10	5.5"x3/4" Solid Surface Sills	23.33 lf	-	-	-	-	25.00 /lf	583	-	-	-	583

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount	Amount
<b>BP06.2 Casework</b>												
10	Plastic Laminate Base Cabinets	6.25	lf	-	-	-	-	350.00 /lf	2,188	-	-	2,188
20	Plastic Laminate Wall Hung Cabinets	6.25	lf	-	-	-	-	250.00 /lf	1,563	-	-	1,563
30	Tall Plastic Laminate Storage Cabinets	2.50	lf	-	-	-	-	350.00 /lf	875	-	-	875
11	Solid Surface Countertops	31.25	sf	-	-	-	-	65.00 /sf	2,031	-	-	2,031
11	Solid Surface Wall Hung Counter Tops	60.00	sf	-	-	-	-	65.00 /sf	3,900	-	-	3,900
----	Wood Graphics Panels @ Exterior	4.00	ea	-	-	-	-	750.00 /ea	3,000	-	-	3,000
<b>BP06.2 Casework</b>									<b>17,283</b>			<b>17,283</b>
<b>BP07.0 Roofing</b>												
10	1/2" MDP Wood Paneling @ Cupola	384.00	sf	-	-	1.00 /sf	384	6.15 /sf	2,362	1,600	-	4,346
10	Standing Seam Roof	2,781.00	sf	-	-	-	-	26.00 /sf	72,306	-	-	72,306
10	Standing Seam Roof	7,815.00	sf	-	-	-	-	26.00 /sf	203,190	-	-	203,190
10	Standing Seam Roof	4,360.00	sf	-	-	-	-	26.00 /sf	113,360	-	-	113,360
90	Gutters	350.00	lf	-	-	-	-	30.00 /lf	10,500	-	-	10,500
----	12" Metal Fascia	260.00	lf	-	-	-	-	23.00 /lf	5,980	-	-	5,980
----	Metal Soffit	374.00	sf	-	-	-	-	45.00 /sf	16,830	-	-	16,830
----	6" Rigid Insulation	2,781.00	sf	-	-	-	-	1.35 /sf	3,754	-	-	3,754
----	Gutter Downspouts	24.00	ea	-	-	-	-	30.00 /ea	720	-	-	720
----	12" Metal Fascia	520.00	lf	-	-	-	-	30.00 /lf	15,600	-	-	15,600
----	Metal Soffit Panels	1,410.00	sf	-	-	-	-	45.00 /sf	63,450	-	-	63,450
----	6" Rigid Insulation	7,815.00	sqft	-	-	-	-	2.50 /sqft	19,538	-	-	19,538
----	12" Metal Fascia Panel	259.00	lf	-	-	-	-	35.00 /lf	9,065	-	-	9,065
----	Metal Soffit Panels	210.00	sf	-	-	-	-	45.00 /sf	9,450	-	-	9,450
----	6" Rigid Insulation	4,360.00	sf	-	-	-	-	2.50 /sf	10,900	-	-	10,900
10	Asphalt Shingles	62.00	sq	-	-	-	-	425.00 /sq	26,350	-	-	26,350
10	Asphalt Shingles	45.00	sq	-	-	-	-	425.00 /sq	19,125	-	-	19,125
10	Asphalt Shingles	44.82	sq	-	-	-	-	425.00 /sq	19,049	-	-	19,049
<b>BP07.0 Roofing</b>									<b>621,528</b>	<b>1,600</b>		<b>623,512</b>
<b>BP07.1 Metal Panels</b>												
10	Metal Wall Panels @Cupola	192.00	sf	-	-	-	-	45.00 /sf	8,640	-	-	8,640
20	Metal Siding @ Cupola	384.00	sf	-	-	-	-	40.00 /sf	15,360	-	-	15,360
<b>BP07.1 Metal Panels</b>									<b>24,000</b>			<b>24,000</b>
<b>BP07.3 Caulking &amp; Sealants</b>												
20	Air Barrier	3,010.00	sf	-	-	-	-	2.90 /sf	8,729	-	-	8,729
20	Air Barrier	2,577.00	sf	-	-	-	-	2.90 /sf	7,473	-	-	7,473
20	Air Barrier	2,724.00	sf	-	-	-	-	2.90 /sf	7,900	-	-	7,900
20	Air Barrier	2,724.00	sf	-	-	-	-	2.90 /sf	7,900	-	-	7,900
20	Air Barrier	1,770.00	sf	-	-	-	-	2.90 /sf	5,133	-	-	5,133
----	Air Barrier	5,244.00	sf	-	-	-	-	2.90 /sf	15,208	-	-	15,208
10	Caulking	1.00	ls	-	-	-	-	2,500.00 /ls	2,500	-	-	2,500
10	Caulking	1.00	ls	-	-	-	-	3,000.00 /ls	3,000	-	-	3,000
10	Caulking	1.00	ls	-	-	-	-	2,000.00 /ls	2,000	-	-	2,000
10	Caulking	1.00	ls	-	-	-	-	1,500.00 /ls	1,500	-	-	1,500
10	Caulking	1.00	ls	-	-	-	-	1,800.00 /ls	1,800	-	-	1,800
10	Caulking	1.00	ls	-	-	-	-	2,500.00 /ls	2,500	-	-	2,500
<b>BP07.3 Caulking &amp; Sealants</b>									<b>65,642</b>			<b>65,642</b>
<b>BP08.0 Doors / Frames / Hardware</b>												
10	H.M. Doors	11.00	ea	-	-	356.818 /ea	3,925	-	-	-	-	3,925
10	H.M. Doors	12.00	ea	-	-	350.00 /ea	4,200	-	-	-	-	4,200
10	H.M. Doors	6.00	ea	-	-	350.00 /ea	2,100	-	-	-	-	2,100
10	H.M. Doors	6.00	ea	-	-	350.00 /ea	2,100	-	-	-	-	2,100
10	H.M. Doors	5.00	ea	-	-	350.00 /ea	1,750	-	-	-	-	1,750
10	H.M. Doors	4.00	ea	-	-	350.00 /ea	1,400	-	-	-	-	1,400
50	Hollow Metal Door Frames	12.00	ea	-	-	195.833 /ea	2,350	75.00 /ea	900	-	-	3,250
50	Hollow Metal Door Frames	22.00	ea	-	-	200.00 /ea	4,400	75.00 /ea	1,650	-	-	6,050
50	Hollow Metal Door Frames	5.00	ea	-	-	240.00 /ea	1,200	75.00 /ea	375	-	-	1,575
50	Hollow Metal Door Frames	5.00	ea	-	-	240.00 /ea	1,200	75.00 /ea	375	-	-	1,575
50	Hollow Metal Door Frames	5.00	ea	-	-	200.00 /ea	1,000	75.00 /ea	375	-	-	1,375
50	Hollow Metal Door Frames	12.00	ea	-	-	200.00 /ea	2,400	75.00 /ea	900	-	-	3,300
10	Solid Core Wood Doors	2.00	ea	-	-	412.50 /ea	825	-	-	-	-	825
10	Solid Core Wood Doors	11.00	ea	-	-	400.00 /ea	4,400	-	-	-	-	4,400
10	Solid Core Wood Doors	1.00	ea	25.00 /ea	25	400.00 /ea	400	-	-	-	-	425
10	Solid Core Wood Doors	8.00	ea	-	-	400.00 /ea	3,200	-	-	-	-	3,200
10	Finish Hardware	13.00	ea	-	-	350.00 /ea	4,550	150.00 /ea	1,950	-	-	6,500
10	Finish Hardware	23.00	sets	-	-	350.00 /sets	8,050	150.00 /sets	3,450	-	-	11,500
10	Finish Hardware	6.00	sets	-	-	350.00 /sets	2,100	150.00 /sets	900	-	-	3,000
10	Finish Hardware	6.00	sets	-	-	350.00 /sets	2,100	150.00 /sets	900	-	-	3,000
10	Finish Hardware	6.00	sets	-	-	350.00 /sets	2,100	150.00 /sets	900	-	-	3,000
10	Finish Hardware	12.00	ea	-	-	350.00 /ea	4,200	150.00 /ea	1,800	-	-	6,000

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount
<b>BP08.0 Doors / Frames / Hardware</b>				<b>25</b>		<b>59,950</b>		<b>14,475</b>			<b>74,450</b>
<b>BP08.1 Glass &amp; Glazing</b>											
10	Aluminum Storefront Windows	180.00 sf	-	-	-	-	75.00 /sf	13,500	-	-	13,500
10	Aluminum Storefront Windows	372.00 sf	-	-	-	-	75.00 /sf	27,900	-	-	27,900
10	Aluminum Storefront Windows	17.00 sf	-	-	-	-	75.00 /sf	1,275	-	-	1,275
10	Aluminum Storefront Windows	17.00 sf	-	-	-	-	75.00 /sf	1,275	-	-	1,275
10	Aluminum Storefront Windows	8.00 sf	-	-	-	-	75.00 /sf	600	-	-	600
10	Aluminum Storefront Windows	156.00 sf	-	-	-	-	75.00 /sf	11,700	-	-	11,700
----	4'x3'-4" Sliding Transaction Windows.	4.00 ea	-	-	-	-	2,350.00 /ea	9,400	-	-	9,400
----	4'x3'-4" Sliding Transaction Windows	6.00 ea	-	-	-	-	2,350.00 /ea	14,100	-	-	14,100
<b>BP08.1 Glass &amp; Glazing</b>								<b>79,750</b>			<b>79,750</b>
<b>BP08.2 Overhead &amp; Coiling Doors</b>											
100	Overhead Coiling Counter Shutters	1.00 ea	-	-	-	-	5,000.00 /ea	5,000	-	-	5,000
n	5 Counter Shutter @ Concessions	2.00 ea	-	-	-	-	5,000.00 /ea	10,000	-	-	10,000
n	5 Counter Shutter @ Concessions	2.00 ea	-	-	-	-	5,000.00 /ea	10,000	-	-	10,000
<b>BP08.2 Overhead &amp; Coiling Doors</b>								<b>25,000</b>			<b>25,000</b>
<b>BP09.0 Framing &amp; Drywall</b>											
40	3.5" Faced Batt Insulation R19	615.00 sf	-	-	-	-	1.25 /sf	769	-	-	769
40	3.5" Faced Batt Insulation R19	600.00 sf	-	-	-	-	1.25 /sf	750	-	-	750
40	R19 Batt Insulation At Ceilings	688.00 sf	-	-	-	-	1.75 /sf	1,204	-	-	1,204
10	Drywall Ceilings	1,434.00 sf	-	-	-	-	6.25 /sf	8,963	-	-	8,963
10	Drywall Ceilings	3,885.00 sf	-	-	-	-	6.00 /sf	23,310	-	-	23,310
10	5/8" Drywall Ceilings	990.00 sf	-	-	-	-	6.00 /sf	5,940	-	-	5,940
10	5/8" Drywall Ceilings	686.00 sf	-	-	-	-	6.00 /sf	4,116	-	-	4,116
10	5/8" Drywall Ceilings	688.00 sf	-	-	-	-	6.00 /sf	4,128	-	-	4,128
10	5/8" Drywall Ceilings	446.00 sf	-	-	-	-	6.00 /sf	2,676	-	-	2,676
----	5/8" Gyp/1.5" Furring Hat Channels	816.00 sf	-	-	-	-	6.00 /sf	4,896	-	-	4,896
----	5/8 Gyp/3.62" Metal Studs/5/8"Gyp/Batt Ins.	480.00 sf	-	-	-	-	6.00 /sf	2,880	-	-	2,880
----	5/8" Sheathing & 6" Batt Insulation	240.00 sf	-	-	-	-	3.00 /sf	720	-	-	720
----	5/8" Sheathing & 6" Batts @ Cupola	1,024.00 sf	-	-	-	-	3.00 /sf	3,072	-	-	3,072
----	5/8" Gyp/3.62 Metal Studs/5/8" Gyp/Batt Ins.	1,056.00 sf	-	-	-	-	6.50 /sf	6,864	-	-	6,864
----	5/8" Gyp/1.5" Furring Hat Channels	1,356.00 sf	-	-	-	-	6.00 /sf	8,136	-	-	8,136
----	Gyp Sheathing & 6" Batt Insulation @ Cupola	240.00 sf	-	-	-	-	3.00 /sf	720	-	-	720
----	5/8" Gyp/3.62" Metal Studs/5/8" Gyp/Batt Ins.	816.00 sf	-	-	-	-	6.50 /sf	5,304	-	-	5,304
----	5/8" Gyp & 1.5" Furring Hat Channels	946.00 sf	-	-	-	-	6.00 /sf	5,676	-	-	5,676
----	5/8" Gyp/3.62" Metal Studs/5/8" Gyp/Batt Ins.	220.00 sf	-	-	-	-	6.50 /sf	1,430	-	-	1,430
<b>BP09.0 Framing &amp; Drywall</b>								<b>91,553</b>			<b>91,553</b>
<b>BP09.1 Painting</b>											
10	Paint Drywall Ceilings	1,434.00 sf	-	-	-	-	1.25 /sf	1,793	-	-	1,793
10	Paint Drywall Ceilings	3,885.00 sf	-	-	-	-	1.25 /sf	4,856	-	-	4,856
10	Paint Drywall Ceilings	990.00 sf	-	-	-	-	1.25 /sf	1,238	-	-	1,238
10	Paint Drywall Ceilings	686.00 sf	-	-	-	-	1.25 /sf	858	-	-	858
10	Paint Drywall Ceilings	688.00 sf	-	-	-	-	1.25 /sf	860	-	-	860
10	Paint Drywall Ceilings	446.00 sf	-	-	-	-	1.25 /sf	558	-	-	558
----	Paint Drywall Partitions	1,552.00 sf	-	-	-	-	1.10 /sf	1,707	-	-	1,707
----	Paint CMU Partitions	4,270.00 sf	-	-	-	-	1.50 /sf	6,405	-	-	6,405
----	Paint Hollow Metal Doors	11.00 ea	-	-	-	-	75.00 /ea	825	-	-	825
----	Paint Hollow Metal Frames	12.00 ea	-	-	-	-	50.00 /ea	600	-	-	600
----	Paint Drywall Partitions	4,806.00 sf	-	-	-	-	1.10 /sf	5,287	-	-	5,287
----	Paint H.M. Frames	21.00 ea	-	-	-	-	50.00 /ea	1,050	-	-	1,050
----	Paint 3x7' H.M. Doors	14.00 ea	-	-	-	-	75.00 /ea	1,050	-	-	1,050
----	Paint CMU Partitions	7,485.00 sf	-	-	-	-	1.50 /sf	11,228	-	-	11,228
----	Paint/Stain MDO Plywood @ Cupola	784.00 sf	-	-	-	-	3.00 /sf	2,352	-	-	2,352
----	Paint 12"x12"x12" Steel Columns	6.00 ea	-	-	-	-	150.00 /ea	900	-	-	900
----	Paint CMU Walls	2,240.00 sf	-	-	-	-	1.50 /sf	3,360	-	-	3,360
----	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	75.00 /ea	450	-	-	450
----	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	50.00 /ea	250	-	-	250
----	Paint CMU Walls	2,500.00 sf	-	-	-	-	1.50 /sf	3,750	-	-	3,750
----	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	75.00 /ea	450	-	-	450
----	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	50.00 /ea	250	-	-	250
----	Paint CMU Partitions	2,540.00 sf	-	-	-	-	1.50 /sf	3,810	-	-	3,810
----	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	75.00 /ea	450	-	-	450
----	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	50.00 /ea	250	-	-	250
----	Paint Drywall Partitions	1,100.00 sf	-	-	-	-	1.10 /sf	1,210	-	-	1,210
----	Paint CMU Partitions	4,332.00 sf	-	-	-	-	1.50 /sf	6,498	-	-	6,498
----	Paint 12"x12"x9" Steel Columns	4.00 ea	-	-	-	-	150.00 /ea	600	-	-	600
----	Paint Hollow Metal Doors	7.00 ea	-	-	-	-	75.00 /ea	525	-	-	525
----	Paint Hollow Metal Frames	12.00 ea	-	-	-	-	50.00 /ea	600	-	-	600

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount
<b>BP09.1 Painting</b>								<b>64,018</b>			<b>64,018</b>
<b>BP09.2</b>	<b>Acoustical Ceilings</b>										
10	2'x2' Acoustical Ceilings & Grid	408.00 sf	-	-	-	-	3.75 /sf	1,530	-	-	1,530
10	2'x2' Acoustical Ceilings & Grid	865.00 sf	-	-	-	-	3.75 /sf	3,244	-	-	3,244
10	2'x2' Acoustical Ceilings & Grid	878.00 sf	-	-	-	-	3.75 /sf	3,293	-	-	3,293
<b>BP09.2 Acoustical Ceilings</b>								<b>8,066</b>			<b>8,066</b>
<b>BP09.3</b>	<b>Flooring</b>										
10	Thin Set Ceramic Tile	106.00 sf	-	-	-	-	15.00 /sf	1,590	-	-	1,590
10	Thin Set Ceramic Tile	108.00 sf	-	-	-	-	15.00 /sf	1,620	-	-	1,620
20	Tile Base	59.00 lf	-	-	-	-	18.00 /lf	1,062	-	-	1,062
20	Tile Base	59.00 lf	-	-	-	-	18.00 /lf	1,062	-	-	1,062
10	VCT	148.00 sf	-	-	-	-	15.00 /sf	2,220	-	-	2,220
10	VCT	916.00 sf	-	-	-	-	15.00 /sf	13,740	-	-	13,740
30	Rubber Base	143.00 lf	-	-	-	-	1.75 /lf	250	-	-	250
30	Rubber Base	578.00 sf	-	-	-	-	1.75 /sf	1,012	-	-	1,012
30	Rubber Base	318.00 lf	-	-	-	-	1.75 /lf	557	-	-	557
10	Carpet	44.00 sy	-	-	-	-	28.00 /sy	1,232	-	-	1,232
10	Carpet	261.00 sy	-	-	-	-	28.00 /sy	7,308	-	-	7,308
20	Carpet Tile	33.00 sy	-	-	-	-	28.00 /sy	924	-	-	924
<b>BP09.3 Flooring</b>								<b>32,576</b>			<b>32,576</b>
<b>BP10.0</b>	<b>Toilet Partitions &amp; Accessories</b>										
10	Toilet Partitions	8.00 ea	-	-	700.00 /ea	5,600	250.00 /ea	2,000	-	-	7,600
10	Toilet Partitions	9.00 ea	-	-	700.00 /ea	6,300	250.00 /ea	2,250	-	-	8,550
10	Toilet Partitions	5.00 ea	-	-	700.00 /ea	3,500	250.00 /ea	1,250	-	-	4,750
10	Toilet Partitions	6.00 ea	-	-	700.00 /ea	4,200	250.00 /ea	1,500	-	-	5,700
10	Toilet Partitions	6.00 ea	-	-	700.00 /ea	4,200	250.00 /ea	1,500	-	-	5,700
10	Urinal Screens	1.00 ea	-	-	250.00 /ea	250	100.00 /ea	100	-	-	350
10	Urinal Screens	2.00 ea	-	-	250.00 /ea	500	100.00 /ea	200	-	-	700
10	Urinal Screens	2.00 ea	-	-	250.00 /ea	500	100.00 /ea	200	-	-	700
10	Urinal Screens	2.00 ea	-	-	250.00 /ea	500	100.00 /ea	200	-	-	700
10	Urinal Screens	2.00 ea	-	-	250.00 /ea	500	100.00 /ea	200	-	-	700
10	Toilet Accessories	35.00 ea	-	-	225.143 /ea	7,880	25.00 /ea	875	-	-	8,755
10	Toilet Accessories	52.00 ea	-	-	230.769 /ea	12,000	25.00 /ea	1,300	-	-	13,300
10	Toilet Accessories	25.00 ea	-	-	252.40 /ea	6,310	25.00 /ea	625	-	-	6,935
10	Toilet Accessories	25.00 ea	-	-	252.40 /ea	6,310	25.00 /ea	625	-	-	6,935
10	Toilet Accessories	25.00 ea	-	-	252.88 /ea	6,322	25.00 /ea	625	-	-	6,947
10	Toilet Accessories	11.00 ea	-	-	148.182 /ea	1,630	25.00 /ea	275	-	-	1,905
<b>BP10.0 Toilet Partitions &amp; Accessories</b>							<b>66,502</b>	<b>13,725</b>			<b>80,227</b>
<b>BP10.1</b>	<b>Lockers</b>										
10	Lockers	8.00 ea	-	-	-	-	312.00 /ea	2,496	-	-	2,496
10	Lockers	10.00 ea	-	-	-	-	298.20 /ea	2,982	-	-	2,982
10	Single Tier Lockers	12.00 ea	-	-	-	-	435.75 /ea	5,229	-	-	5,229
10	Locker Room Benches (with above)	1.00 ea	-	-	-	-	2,200.00 /ea	2,200	-	-	2,200
10	Locker Room Benches (w/above)	1.00 ea	-	-	-	-	2,500.00 /ea	2,500	-	-	2,500
10	Locker Room Benches (with above)	1.00 ea	-	-	-	-	2,500.00 /ea	2,500	-	-	2,500
<b>BP10.1 Lockers</b>								<b>17,907</b>			<b>17,907</b>
<b>BP10.2</b>	<b>Fire Extinguishers</b>										
10	Fire Extinguisher & Cabinet Allowance	4.00 ea	-	-	-	-	350.00 /ea	1,400	-	-	1,400
10	Fire Extinguisher & Cabinets Allowance	3.00 ea	-	-	-	-	350.00 /ea	1,050	-	-	1,050
10	Fire Extinguisher & Cabinet Allowance	1.00 ea	-	-	-	-	350.00 /ea	350	-	-	350
10	Fire Extinguisher & Cabinet Allowance	1.00 ea	-	-	-	-	350.00 /ea	350	-	-	350
10	Fire Extinguisher & Cabinet Allowance	1.00 ea	-	-	-	-	350.00 /ea	350	-	-	350
10	Fire Extinguisher & Cabinet Allowance	3.00 ea	-	-	-	-	350.00 /ea	1,050	-	-	1,050
<b>BP10.2 Fire Extinguishers</b>								<b>4,550</b>			<b>4,550</b>
<b>BP10.3</b>	<b>Signage</b>										
30	Monument sign w/ Cast Aluminum Letters	1.00 each	-	-	-	-	4,500.00 /each	4,500	-	-	4,500
30	Way finding signage	1.00 LS	-	-	-	-	25,000.00 /LS	25,000	-	-	25,000
125	Building Signage Allowance	1.00 ls	-	-	-	-	1,200.00 /ls	1,200	-	-	1,200
125	Signage (Allowance)	1.00 ls	-	-	-	-	3,000.00 /ls	3,000	-	-	3,000
125	Building Signage Allowance	1.00 lsum	-	-	-	-	750.00 /lsum	750	-	-	750
125	Building Signage Allowance	1.00 lsum	-	-	-	-	500.00 /lsum	500	-	-	500
125	Building Signage Allowance	1.00 ls	-	-	500.00 /ls	500	-	-	-	-	500
125	Building Signage Allowance	1.00 ls	-	-	-	-	1,200.00 /ls	1,200	-	-	1,200
----	Exterior Bracket Board Allowance	1.00 ea	-	-	-	-	800.00 /ea	800	-	-	800



Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total			
			Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Name	Amount	Amount	Amount		
<b>BP15.3 Mechanical</b>														
10	7'-4"x9'-0" Ext. Wall Louver	1.00	ea	-	-	2,926.00	/ea	2,926	150.00	/ea	150	-	-	3,076
10	HVAC	2,176.00	sf	-	-	-	-	-	22.00	/sf	47,872	-	-	47,872
10	HVAC	5,931.00	sf	-	-	-	-	-	22.00	/sf	130,482	-	-	130,482
10	HVAC	875.00	sf	-	-	-	-	-	22.00	/sf	19,250	-	-	19,250
10	HVAC	875.00	sf	-	-	-	-	-	22.00	/sf	19,250	-	-	19,250
10	HVAC	875.00	sf	-	-	-	-	-	22.00	/sf	19,250	-	-	19,250
10	HVAC	1,600.00	sf	-	-	-	-	-	22.00	/sf	35,200	-	-	35,200
<b>BP15.3 Mechanical</b>							<b>2,926</b>		<b>271,454</b>					<b>274,380</b>
<b>BP16.0 Electrical</b>														
10	Electrical	2,176.00	sf	-	-	-	-	-	20.00	/sf	43,520	-	-	43,520
10	Electrical	5,931.00	sf	-	-	-	-	-	20.00	/sf	118,620	-	-	118,620
10	Electrical	875.00	sf	-	-	-	-	-	20.00	/sf	17,500	-	-	17,500
10	Electrical	875.00	sf	-	-	-	-	-	20.00	/sf	17,500	-	-	17,500
10	Electrical	875.00	sf	-	-	-	-	-	20.00	/sf	17,500	-	-	17,500
10	Electrical	3,750.00	sf	-	-	-	-	-	15.00	/sf	56,250	-	-	56,250
10	Site Lighting	1.00	lsum	-	-	-	-	-	75,000.00	/lsum	75,000	-	-	75,000
10	Maintainence bldg Electrical Service	5.00	lsum	-	-	-	-	-	5,000.00	/lsum	25,000	-	-	25,000
10	Maintainence bldg Electrical Service	10.00	lsum	-	-	-	-	-	7,500.00	/lsum	75,000	-	-	75,000
10	Charging trees (phone chargers)	4.00	lsum	-	-	-	-	-	15,000.00	/lsum	60,000	-	-	60,000
10	Car charging stations	6.00	lsum	-	-	-	-	-	50,000.00	/lsum	300,000	-	-	300,000
10	Audio system / Conduits	1.00	lsum	-	-	-	-	-	50,000.00	/lsum	50,000	-	-	50,000
10	Conduits for Data	1.00	lsum	-	-	-	-	-	50,000.00	/lsum	50,000	-	-	50,000
<b>BP16.0 Electrical</b>									<b>905,890</b>					<b>905,890</b>

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	15,025					158.158 /ac	0.06%
Material	550,153					5,791.081 /ac	2.18%
Subcontract	24,570,122					258,632.859 /ac	97.38%
	<u>25,135,300</u>	25,135,300				<u>264,682.105 /ac</u>	99.62%
Equipment	47,686					501.958 /ac	0.19%
Other	9,000					94.737 /ac	0.04%
	<u>56,686</u>	25,191,986				<u>265,178.800 /ac</u>	0.22%
SALES TAX	39,886			7.250 %	C	419.853 /ac	0.16%
<b>Total</b>		<b>25,231,872</b>				<b>265,598.653 /ac</b>	



# JMT

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