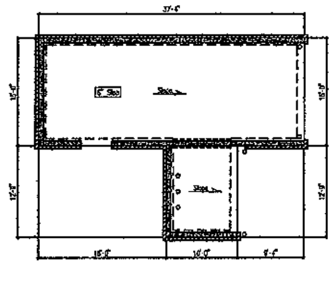
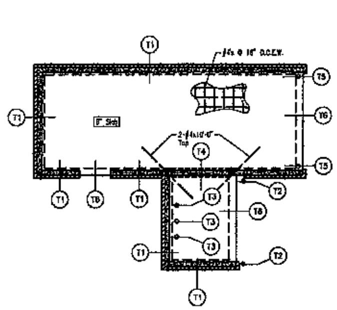
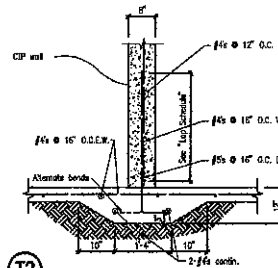
PRCOM 2018 2997



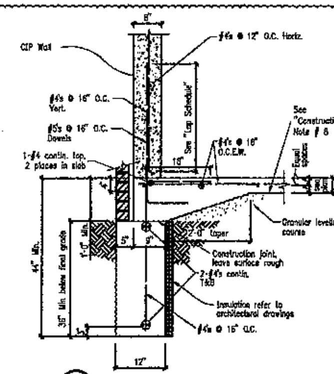
Forming Plan Trash Compactor
Scale: 1/8" = 1'-0"



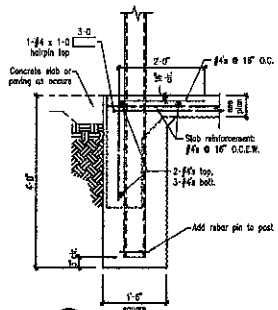
Reinforcement Plan Trash Compactor
Scale: 1/8" = 1'-0"



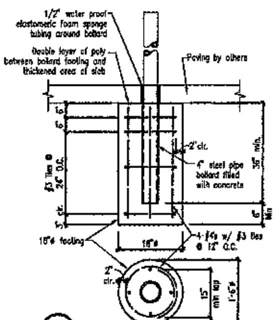
T2 Interior Wall



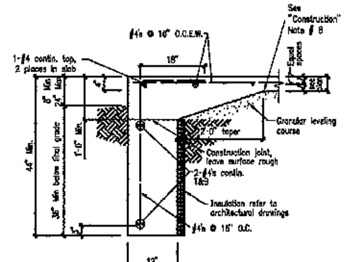
T1 Typical Rebar Perimeter Beam



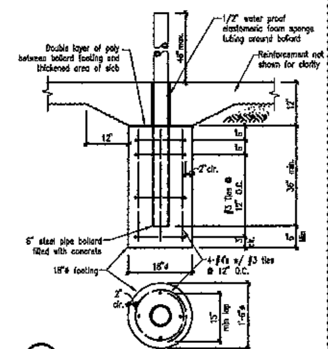
T5 Gate Post



T2 Typical Bollard Detail



T6 Typical Rebar Perimeter Beam



T3 Interior Bollard Detail

This bollard detail is designed for moderate impact resistance. Significant impact with bollard may result in damage to surrounding concrete slab. Care should be taken to prevent significant impact with bollard.

Details Trash Compactor
Scale: 3/4" = 1'-0"

Foundation Notes:

1) Drainage shall be maintained around the foundation at all times, both during and after the construction period. Surface water shall flow rapidly away from the foundation. The builder shall advise the owner of his responsibilities to maintain drainage and soil moisture so that future soil movements are minimized.
2) Slab shall be 6" thick U.N.O.
3) Perimeter Beams shall be 12" "W" x 44" "D". Perimeter beams shall be deepened to extend 36" min. below final grade.
4) All strands shall be 1/2" - 270K (see Gen. Notes)
5) Concrete contractor shall be provided with a plan showing the anchor bolts and hold-downs required by the framing engineer. Devices requiring thickened concrete shall be brought to the foundation engineer's attention. The location of devices requiring drilling shall be laid out prior to the concrete placement, and post-tensioning strands shall be diverted where required to avoid the drilling location by at least one foot.
6) BS & ← → indicates beam strand to be draped down into bottom of beam. See beam strand detail on Detail sheet. Beam strand required only if shown on foundation plan.
7) See General Notes and Typical Detail Sheet.
8) Asterisks indicate dimensions to be verified or furnished by the builder. See note #2 under Concrete Construction on General Notes Sheet.
9) If uncontrolled fill exists on the site, piers may be required: NOTIFY ENGINEER.

Site Preparation Notes:

1) Potential soils movements will increase if building pads are allowed to dry out prior to construction. This office recommends procedures be used to maintain at least a "normal" or "average" soil moisture content.
2) Grading plan shall ensure that positive drainage is maintained away from the foundation. This office recommends a 5% slope for the first 10' from the building pad. Failure to maintain drainage may allow water to pond or collect around the foundation, causing potential heave far in excess of that predicted in the Geotechnical report.
3) After clearing, stripping, and excavating, the exposed sub-grade should be carefully evaluated by proof-rolling, probing and testing. Any undesirable material should be removed and replaced or stabilized per the geotechnical report. The subgrade should then be evaluated by the Geotechnical Engineer. Construct the building pad by placing and compacting structural fill per the geotechnical report. The top 24" of the building pad shall consist of low volume change (LVC) material, and extend at least 5' beyond the building footprint. A 4 inch granular leveling course and moisture barrier shall be placed below the floor slab. The leveling course may be considered part of the 24" LVC zone. All fill material shall be approved by the geotechnical engineer prior to placement. All final grading and soil remediation shall be conducted in accordance with the soils report and with oversight from the geotechnical engineer.
4) The depth to bedrock varied across the site. Each building should be evaluated individually and the bearing material should be determined prior to construction. The footings for each individual building should either bear entirely on native soil and engineered fill or entirely on bedrock. Bearing on multiple material types may result in abrupt differential settlement resulting in cracking and differential movement of buildings.

Forming Dimension Note:

Verify all dimensions with Architectural plans. Contact Architect if there are any discrepancies that cannot be resolved in the field.

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Registration No: 2008010474

STATE OF MISSOURI — PROFESSIONAL ENGINEER — NUMBER 2018007406

REV	DATE	ISSUE	Init.
8	02/18/2019	Updated Spa Area @ Clubhouse	R.D.
9	03/11/2019	Updated Detail #28	R.D.
10	04/25/2019	Revise Clubhouse - Remove patio.	D.Z.
11	05/02/2019	Perimeter Beam Repair @ Type D	R.D.
12	07/02/2019	Added Trash Compactor	R.D.
13	08/15/2019	CMU to CIP Walls at Trash Compactor	R.D.

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913-831-1415

Summit Square II Apartments
Lee Summit, MISSOURI

Forming & Reinforcement Plan
Trash Compactor

DATE 09/28/2018
SCALE As Shown
DRN R.D.
CODE 4.12.44.120

FD-8.0

STRAND M18046

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