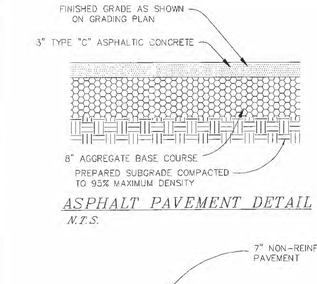
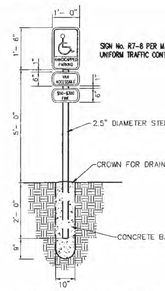
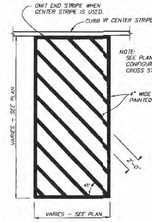


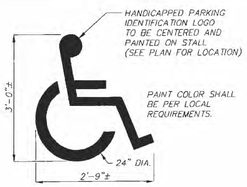
ASPHALT PAVEMENT DETAIL
N.T.S.



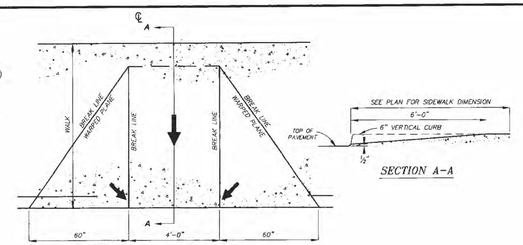
HANDICAPPED SIGN DETAIL
N.T.S.



CROSS STRIPING DETAIL
N.T.S.

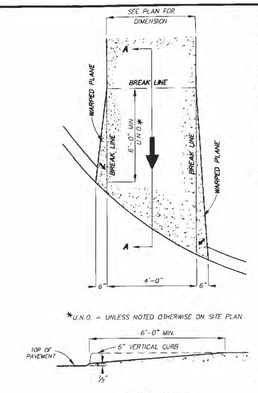


HANDICAPPED PARKING MARKING
N.T.S.



SECTION A-A

STRAIGHT CURB
HANDICAPPED RAMP DETAIL
3'-0"



SECTION A-A

CURVED CURB
HANDICAPPED RAMP DETAIL
N.T.S.

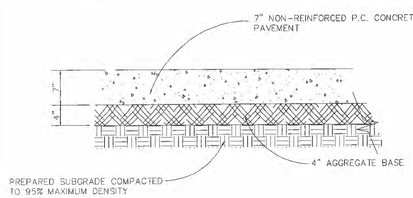
SITE NOTES

1. All dimensions shown are to back of curb unless noted otherwise.
2. DO NOT SCALE DRAWINGS, USE DIMENSIONS AS SHOWN.
3. Additional siltation control may be required as directed by the City of O'Fallon.
4. Storm sewers are to be private unless otherwise noted.
5. Contractor to notify the engineer if discrepancies are found in the field compared to the design plans.
6. Reference points, such as survey monuments, bench marks, stakes, etc., shall be preserved, but if disturbed or destroyed, shall be replaced as directed, at the expense of the contractor.

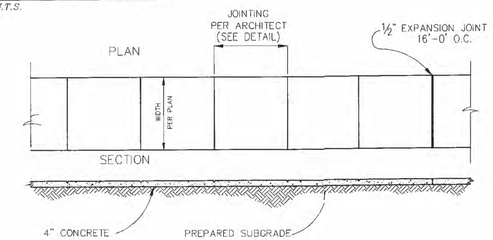
   All concrete and asphalt concrete pavement to be removed shall be sawcut on a straight line along the contact line with the existing pavement to remain. Concrete walks and curbs to be removed shall be sawcut at the nearest contraction or expansion joint.

   No work shall be done which will affect existing utilities prior to having ascertained that the utilities have been properly capped, plugged, or otherwise abandoned in a manner acceptable to the affected utility company. The appropriate agency shall be notified prior to the commencement of any work which will affect any existing utility. Removals or relocations by utility companies are to be initiated and coordinated by the Contractor.
7. All site construction and sewer construction to be per City of O'Fallon standards and specifications.
8. Building dimensions as shown are to outside face of building and are per architectural plans received during November 2005. See architectural plans for locations of building area walks, walls, etc. If overall building dimensions vary form those shown on these plans, contact the engineer prior to proceeding with site construction.
9. Conduct operations to prevent injury to adjacent buildings, structures, other facilities and persons. Signs, lights, and barricades shall be installed at all locations as necessary to guard against accident. Promptly repair damages caused to facilities by operations, as directed by the engineer and at no cost to the Owner.
10. New pavement – The Contractor shall fine grade and proof roll the subgrade to the elevations as shown. Subgrade shall be compacted to densities noted. The base course and surface course shall be constructed in accordance with St. Louis County Standard Specifications for Highway Construction. The base course shall be Type 1 crushed rock and the compacted thickness shall be as shown on the drawings. Base course shall be compacted to densities noted. The asphalt surface wearing course shall be Type C asphaltic cement, penetration grade 85–100. Final rolled density shall not be below 95% of the average density of Marshall test laboratory specimens. Constructed thickness shall be within 1/4".

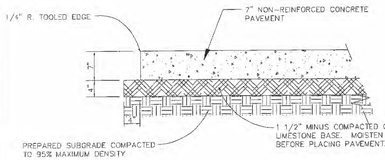
    Maintenance of finished asphaltic concrete surfacing will be required until acceptance of work by Owner.
11. Pavement traffic marking to be one (1) coat of paint, white except as shown, and shall be chlorinated rubber based paint meeting Federal Specifications No. TT-P-115-D, Type III or equal. Application shall be 15 mils thick wet film (320 lin. ft. of 4" stripe per gallon).
12. All sign post and backs and bracket arms shall be painted black using Carboline Rustbond Penetrating Sealer SG and Carboline 133 HB paint (or equivalent as approved by City and MODOT). Signs designating street name shall be on the opposite side of the street from traffic control signs.



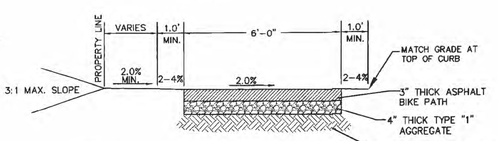
RIGHT IN-RIGHT OUT
ENTRANCE PAVEMENT DETAIL
N.T.S.



CONCRETE SIDEWALK DETAIL
N.T.S.



TRASH ENCLOSURE PAD &
CONCRETE PAVEMENT DETAIL

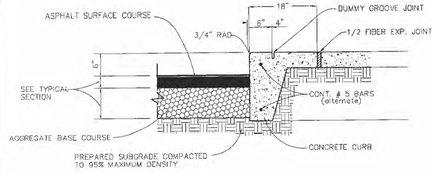


NOTES:
PROVIDE STRIPING OR A COLORED TEXTURE ASPHALT WHERE THE TRAIL INTERSECTS WITH ACCESS DRIVES INTO THE DEVELOPMENT.

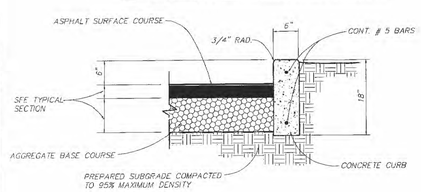
MAXIMUM SLOPE OF THE PATH SHALL NOT EXCEED 8% AND 2% CROSS SLOPE PER CITY OF O'FALLON SPECIFICATIONS.

THE TRAIL SHALL BE CONSTRUCTED WITH A CONSISTENT SLOPE WITH VERTICAL CURVES A MINIMUM OF 50' IN LENGTH. AFTER FINAL COMPRESSION, THE SURFACE SHALL BE SMOOTH AND TRUE TO THE ESTABLISHED CROWN AND GRADE. ANY LOW OR DEFECTIVE PLACES SHALL IMMEDIATELY BE REMEDIED BY CUTTING OUT THE COURSE AT SUCH SPOTS AND REPLACING IT WITH FRESH HOT MIXTURE, WHICH SHALL BE IMMEDIATELY COMPACTED TO CONFORM WITH THE SURROUNNING AREA AND SHALL BE SET FREE FROM DEPRESSIONS EXCEEDING ONE-EIGHTH INCH AS MEASURED WITH A TEN-FOOT STRAIGHT EDGE PARALLELING THE CENTERLINE OF THE TRAIL.

MULTI-USE TRAIL DETAIL



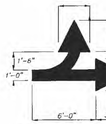
6" CONCRETE CURB WITH SIDEWALK



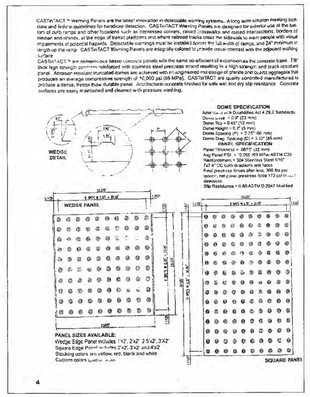
6" VERTICAL CONCRETE CURB

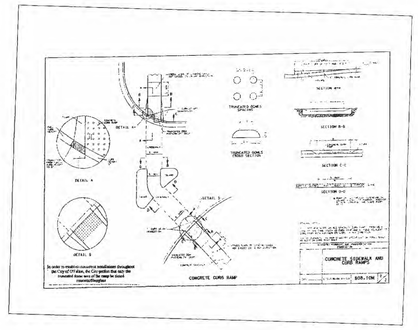
PAINTED DIRECTIONAL ARROW
N.T.S.

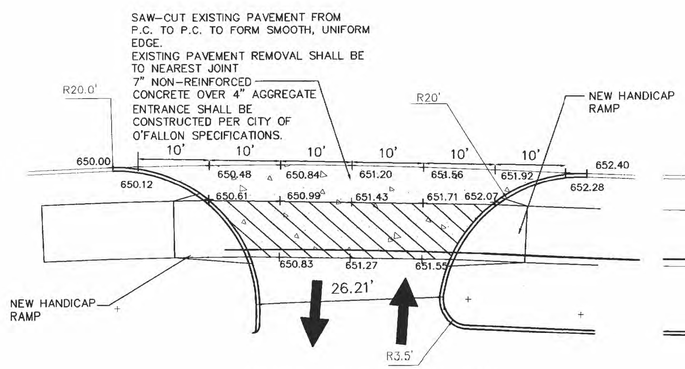
PAINTED DIRECTIONAL ARROW
N.T.S.



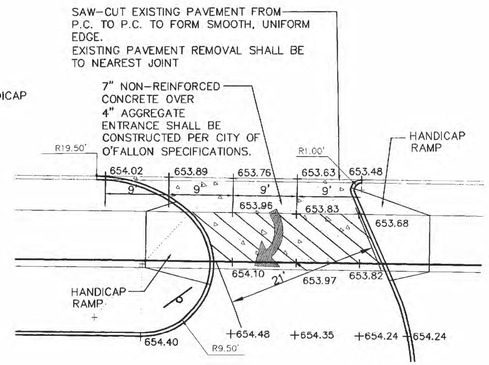
PAINTED DIRECTIONAL ARROW
N.T.S.



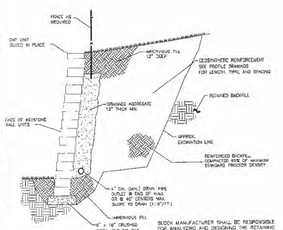




ENLARGED SOUTH ENTRANCE DETAIL
1" = 10'



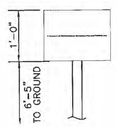
ENLARGED NORTH ENTRANCE DETAIL
1" = 10'



TYPICAL SECTION-REINFORCED RETAINING WALL
MODULAR CONCRETE UNIT
SCALE: NONE

NOTE:
ENTRANCE ONLY SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS.

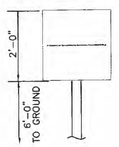
12" X 18" .80 STD. UNIVERSAL ENTRANCE ONLY SIGN, FASTEN WITH 2-3/8"ø CADIUM BOLTS, NUTS AND LOCK WASHERS.



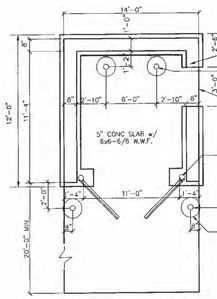
ENTRANCE ONLY SIGN
NTS

NOTE:
DO NOT ENTER SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS.

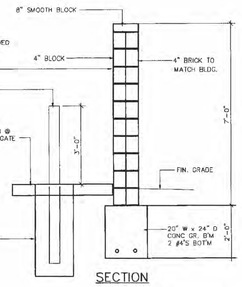
24" X 24" UNIVERSAL DO NOT ENTER SIGN, FASTEN WITH 2-3/8"ø CADIUM BOLTS, NUTS AND LOCK WASHERS.



DO NOT ENTER SIGN
NTS

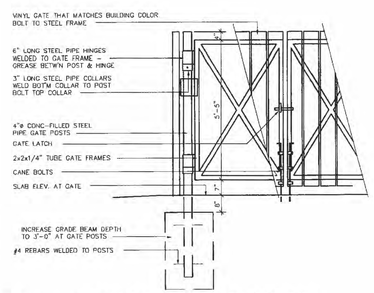


DUMPSTER ENCLOSURE PLAN
N.T.S.



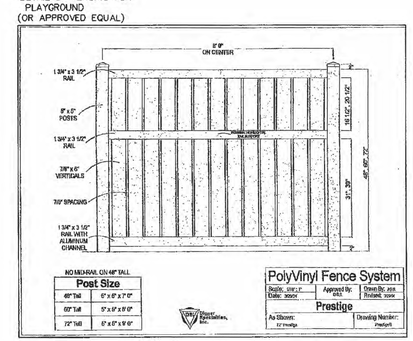
SECTION
N.T.S.

NOTE:
SEE ARCHITECTURAL PLANS FOR ACTUAL CONSTRUCTION MATERIALS AND STRUCTURAL INFORMATION. MATERIALS MUST BE APPROVED BY CITY OF O'FALLON PRIOR TO CONSTRUCTION.



TRASH ENCLOSURE GATE ELEVATION
N.T.S.

DETAIL OF FENCING FOR PLAYGROUND (OR APPROVED EQUAL)



FILE #3203.05

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CIVIL ENGINEERS
PLANNERS
LAND SURVEYORS
333 Mid Rivers Mall Drive
St. Peters, MO 63376
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Fax (636) 397-1104

BRIGHT START
IMPROVEMENT PLANS
ST. CHARLES, MO

239 FOX HILL ROAD
ST. CHARLES, MO 63301
(636)940-9500

Prepared For:
SUMMIT POINTE, L.L.C.

REVISIONS

NO.	DATE	
1	01-09-06	PER CITY OF O'FALLON
2	1.16.06	REVISED PER T.R. HUGHES
3	02-06-06	REVISED PER T.R. HUGHES
4	02-21-06	REVISED PER CITY OF O'FALLON
5	03-10-06	REVISED PER CITY OF O'FALLON

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC
STATE OF MISSOURI
HAROLD J. BARTCH
NUMBER E-27151
REGISTERED PROFESSIONAL ENGINEER
7-10-06

DRAWN	DATE
B.PARKS	12-05-05
CHECKED	DATE
D.BYRD	12-05-05

PROJECT # 01267.BRST.00C
TASK # 2 FIELD BOOK X

BRIGHT START
PRELIMINARY SITE PLAN
CONSTRUCTION DETAILS

SHEET 6 OF 7

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