SEGMENTAL BLOCK RETAINING WALL DETAIL SCALE: NONE

←CONTINUOUS #4 REBAR

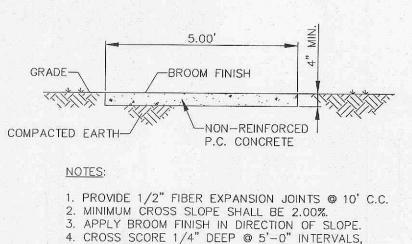
P.C. CONCRETE

CONCRETE CURB AND PAVEMENT SECTION

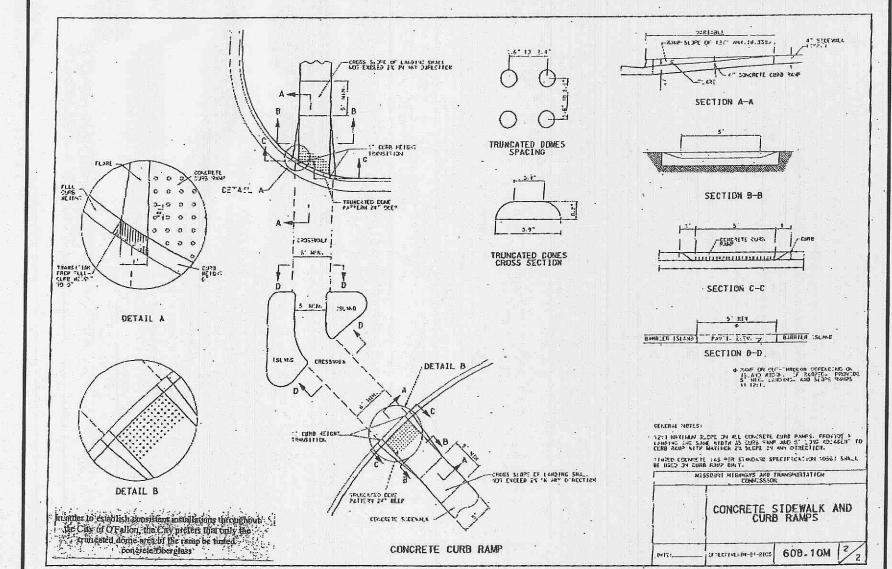
SCALE: NONE

(TYP. TOP AND BOTTOM)

FINISHED GRADE-



EVENLY SPACED BETWEEN EXPANSION JOINTS. TYPICAL SIDEWALK SCALE: NONE



CASTINTACTTM Warning Panels are the latest innovation in detectable warning systems. A long term solution meeting both state and federal guidelines for handicap detection. CASTINTACT Warning Panels are designed for exterior use at the bottom of curb ramps and other locations such as depressed corners, raised crosswalks and raised intersections, borders of median and islands, at the edge of transit platforms and where railroad tracks cross the sidewalk to warn people with visual impairments of potential hazards. Detectable warnings must be installed across the full width of ramps, and 24" minimum in length up the ramp. CASTINTACT Warning Panels are integrally colored to provide visual contrast with the adjacent walking

CASTINTACT™ are cementitious based concrete panels with the same co-effecient of expansion as the concrete base. 7

thick high strength concrete reinforced with stainless steel prestress strand resulting in a high strength and crack resistar panel. Abrasion resistant truncated domes are achieved with an engineered mix design of granite and quartz aggregate the

produces an average compressive strength of 10,000 psl (69 MPa). CASTINTACT are quality controlled manufactured

produce a dense, fraeze thaw durable panel. Architectural concrete finished for safe wet and dry slip resistance. Concrete

DOME SPECIFICATION Americans with Disabilities Act 4.29.2 Standard

Dome Height = 0.2" (5 mm)

Dome Spacing (P) = 2.35" (60 mm)

Dome Diag. Spacing (D) = 3.32" (85 mm)

· Panel Thickness = .0875* (22 mm)

PANEL SPECIFICATION

Avg Panel PSI = 10,000 (69 MPa) ASTM C39

7x7 4" OC both directions and faces. Final prestress forces after loss, 300 lbs per

einforcement = 304 Stainless Steel 1/16"

tendon, net panel prestress force 172 psi in bui

Slip Resistance = 0.80 ASTM D 2047 Modified

9 SPC'S 0 2.35" = 21.15"

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0000000000

0 0 0 0 0 0 0 0 0

-0000000000

SQUARE PAN

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Done pase = 0.9" (23 mm) Dome Top = 0.45" (12 mm)

surfaces are easily maintained and cleaned with pressure washing.

0 SPC'S 0 2.35 = 21.15

0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0

PANEL SIZES AVAILABLE:

Custom colors special older.

000000000

Wedge Edge Panel includes 1'x2', 2'x2', 2.5'x2', 3'X2'

Square Edge Panel includes 2'x2', 3'x2' and 4'x2'

Stocking colors are yellow, red, black and white.

WEDGE PANEL

WEDGE

►6" CONCRETE CURB

SHEET FLOW 5' CENTERS (TYP.) 11 L GEOTEXTILE FABRIC (WOVEN) -**ELEVATION**

SILTATION FENCE DETAILS SCALE: NONE

SECTION A-A

SHEET B FLOW BALES OF STRAW **-** B PLAN

GENERAL NOTES

GENERAL NOTES

EROSION OF THE SOIL.

RECOMMENDATION.

- W6×W6/10X10 GAGE

WLELDÉD WIRE FENCE

GEOTEXTILE FABRIC -

OR EQUAL) ATTACHED

FLOW_

TO WELDED FENCE

(MIRAFI 100X

1. SILTATION CONTROL DEVICES TO REMAIN IN PLACE UNTIL

2. ATTACHMENT OF WELDED WIRE FABRIC AND GEOTEXTILE

FABRIC TO BE IN ACCORDANCE WITH THE MANUFACTURE'S

3. SILTATION FENCES SHALL BE INSPECTED PERIODICALLY FOR

DAMAGE AND FOR AMOUNT OF SEDIMATION WHICH HAS ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 OF THE HEIGHT OF THE SILTATION FENCE.

-TEE POST WITH

GROUND

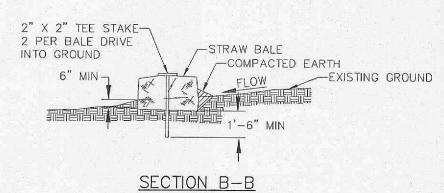
SPADE BASE (TYP.)

ADEQUATE VEGETATION GROWTH INSURES NO FURTHER

1. SILTATION CONTROL DEVICES TO REMAIN IN PLACE UNTIL ADEQUATE VEGETATION GROWTH INSURES NO FURTHER EROSION OF THE SOIL.

2. STRAW BALES SHALL BE INSPECTED PERIODICALLY FOR DETERIORATION. BALES WHICH HAVE ROTTED OR FAILED SHALL BE REPLACED AS DIRECTED BY THE DEPARTMENT.

SECTION B-B



STRAW BALE DETAILS SCALE: NONE

DATES FOR SEEDING

PERMANENT SEEDING	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TALL FESCUE			0	0	0			0	0			
SMOOTH BROME	*		0	0	0			0	0			100
FESCUE AND BROME			0	0	0	0		0	0			
FESCUE, RYE AND BLUEGRASS	A	Α	0	0	0	Р	Р	0	0	Р	Р	Α

TEMPORARY SEEDING JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC A A O O O O O O A A RYE OR SUDAN A O O O O O O

O - OPTIMUM SEEDING DATES A - ACCEPTABLE SEEDING DATES

P - PERMITTED SEEDING DATES, WITH RESEEDING TWO (2) MONTHS LATER. INITIALLY USE 50% OF SEED AND 75% OF FERTILIZER. RESEED WITH ADDITIONAL 75% SEED AND REMAINING FERTILIZER.

MINIMUM FERTILIZER AND SEEDING RATES

PERMANENT SEEDING*	LBS./ACRE	LBS./1000 S.F.		
TALL FESCUE	300			
SMOOTH BROME	200	4.6		
MIXTURE #1	250	5.7		
MIXTURE #2	210	4.8		

MIXTURE #1 - TALL FESCUE @ 150 LBS./AC. AND BROME @ 100 LBS./AC. MIXTURE #2 - TALL FESCUE @ 100 LBS./AC., PERENNIAL RYE GRASS @ 100 LBS./AC. AND KENTUCKY BLUEGRASS @ 10 LBS./AC.

* SEEDING RATE FOR SLOPES IN EXCESS OF 20% (5:1) SHALL BE 10 LBS./1000 S.F.

TEMPORARY SEEDING	LBS./ACRE	LBS./1000 S.F.		
RYE OR SUDAN	150	3.5		
OATS	120	2.8		
FERTILIZER	PERMANENT SEEDING LBS./ACRE	TEMPORARY SEEDING LBS./1000 S.F.		
NITROGEN	45	30		
PHOSPHATE	65	30		
POTASSIUM	65	30		
LIME - ENM	600	600		

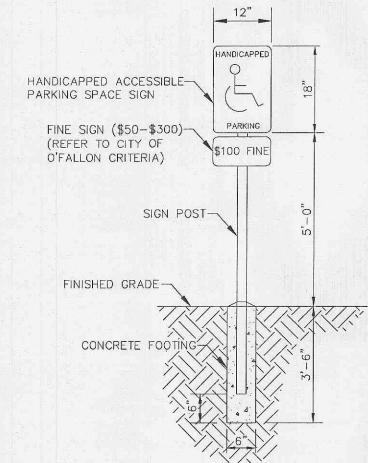
ENM - EFFECTIVE NEUTRALIZING MATERIAL PER STATE EVALUATION OF QUARRIED ROCK

SEEDING AND FERTILIZING SPECIFICATIONS SCALE: NONE

> THE PROFESSIONAL, WHOSE SIGNATURE AND PERSONAL SEAL APPEARS HEREON, ASSUMES RESPONSIBILITY ONLY FROM WHAT APPEARS ON THIS PAGE AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS. PLANNING AND ZONING FILE NO. 9831-37-02-01

EXPANSION JOINT -ENTRANCE -EXPANSION EXPANSION--3" TYPE C ASPHALTIC -6" CONCRETE CURB PAVEMENT PLAN 6" CONCRETE CURB-_EXPANSION _SIDEWALK (BEYOND) PARKING LOT PAVEMENT-

HANDICAP SIDEWALK RAMP SCALE: NONE



CONCRETE

-PRIME COAT

-8" COMPACTED

AGGREGATE

-PREPARED

SUBGRADE

1. PROVIDE ONE SIGN PER HANDICAPPED ACCESSIBLE PARKING SPACE.

2. THERE SHALL BE NO STEP AT BUILDING ENTRANCES. 3. THERE SHALL BE WHEELCHAIR RAMPS OR DROP CURBS AT HANDICAPPED ACCESSIBLE PARKING SPACES.

4. CURB RAMPS SHALL BE MINIMUM 36" WIDE.

5. CURB RAMPS SHALL HAVE MAXIMUM VERTICAL RISE OF

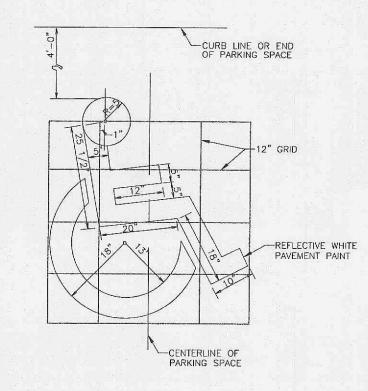
6. LANDINGS ARE REQUIRED, TOP AND BOTTOM, 36" x 60".

7. MAXIMUM SLOPE OF RAMP 1:12 OR 8.33%.

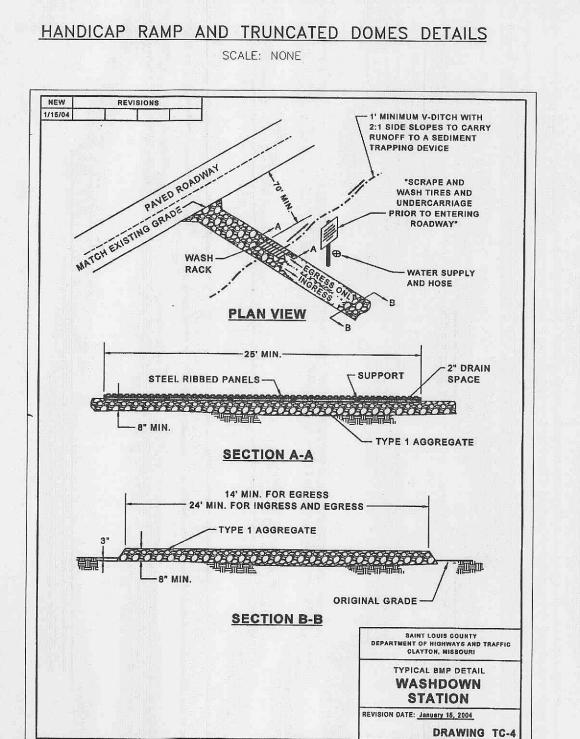
8. MAXIMUM SLOPE OF FLARES 1:10 OR 10%.

9. MAXIMUM VERTICAL RISE 30".

HANDICAPPED ACCESSIBLE PARKING SIGN DETAIL SCALE: NONE



HANDICAP PARKING SYMBOL SCALE: NONE



WASHDOWN STATION DETAILS SCALE: NONE





ate: 03-01-05 Project Number: 05-902 ASD P# Drawn By:**MLA** Sheet Check By:MLA

Base Map:

ZIP: 63366