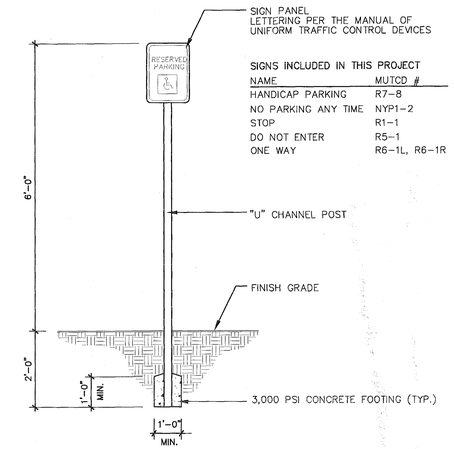
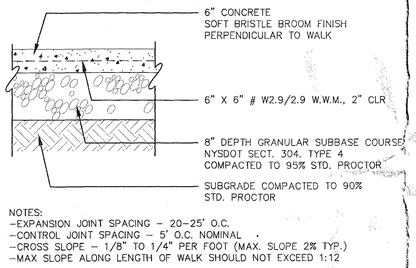


1 SIGN

N.T.S.



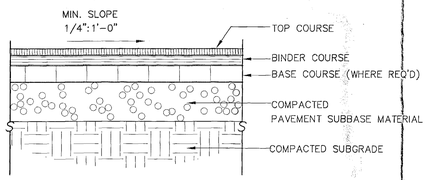
NOTES:
- EXPANSION JOINT SPACING – 20–25' O.C.
- CONTROL JOINT SPACING – 5' O.C. NOMINAL
- CROSS SLOPE – 1/8" TO 1/4" PER FOOT (MAX. SLOPE 2% TYP.)
- MAX SLOPE ALONG LENGTH OF WALK SHOULD NOT EXCEED 1:12

2 6" DEPTH CONCRETE PAVEMENT

N.T.S.

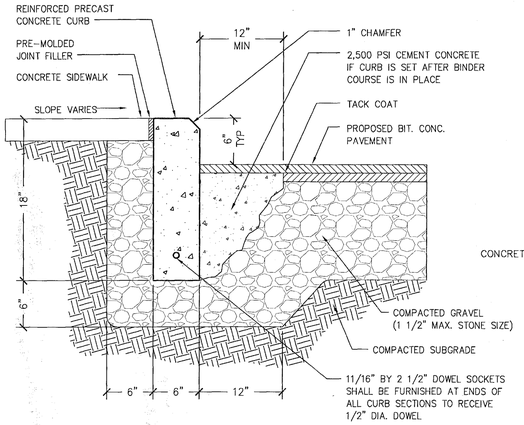
ASPHALT PAVEMENT INSTALLATION SCHEDULE

INSTALLATION	TOP COURSE	BINDER COURSE	BASE COURSE	SUBBASE
NYSDOT RIGHT-OF-WAY	1-1/2"	1-1/2"	2 LIFTS (4" EACH)	12"
HEAVY DUTY, PARKING LOTS, DRIVEWAYS, CITY STREETS	1"	1-1/2"	4"	12"
LIGHT DUTY, PARKING LOTS, PASSENGER CARS	1"	1-1/2"	–	12"



3 ASPHALT PAVEMENT

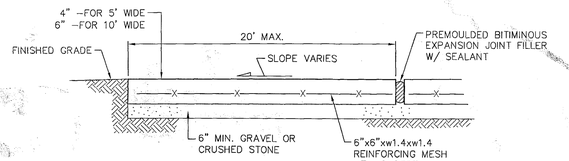
N.T.S.



4 CONCRETE CURBING DETAIL

N.T.S.

NOTE: 5' WIDE SIDEWALK– TRANSVERSE FALSE JOINTS AT 5' INTERVALS, NO LONGITUDINAL JOINTS
10' WIDE SIDEWALK– TRANSVERSE FALSE JOINTS AT 5' INTERVALS, LONGITUDINAL FALSE JOINTS AT 5' INTERVALS



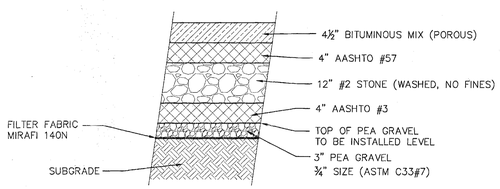
NOTE: EXPANSION JOINTS TO BE REPLACED BETWEEN ADJACENT SLABS, AT BUILDING LINE, AT CURBS, OR AT PENETRATING STRUCTURES.

5 SIDEWALK DETAIL

N.T.S.

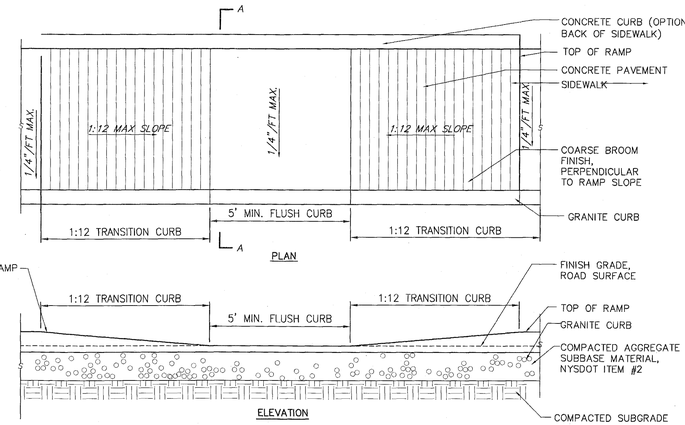
NOTES
1. ALL AGGREGATE PERCENTAGES ARE BASED ON THE TOTAL WEIGHT OF THE AGGREGATE. THE ASPHALT CONTENT IS BASED ON THE TOTAL WEIGHT OF THE MIX.
2. BINDER CONTENT 5.5%, BINDER GRADE PG-64-22P.
3. POROUS PAVEMENT AREA #2 STONE COURSE SHALL BE INSTALLED WITH FLAT BOTTOM, STEP INSTALLATION IF REQUIRED.
4. DESIGN ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PREPARATION FOR POROUS PAVEMENT SUBSURFACE INSTALLATION.
5. DESIGN ENGINEER SHALL DETERMINE THE NEED FOR DEEP-RIPPING AND DECOMPACTION OF POROUS PAVEMENT SUBSURFACE SOILS.

MIXTURE REQUIREMENTS			
SCREEN SIZE	PERCENT PASSING AASHTO #3	PERCENT PASSING ASTM C33SC SIZE #7	PERCENT PASSING AASHTO #57
2½"	100		100
2"	95–100		100
1½"	35–70		100
1"	0–15	100	75–100
¾"	–	90–100	–
½"	0–5	20–55	25–60
⅜"	<5	0–15	25
#4	<5	0–5	0–10
#8	<5	0	0–5



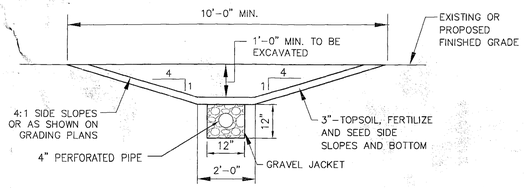
6 POROUS PAVEMENT

N.T.S.



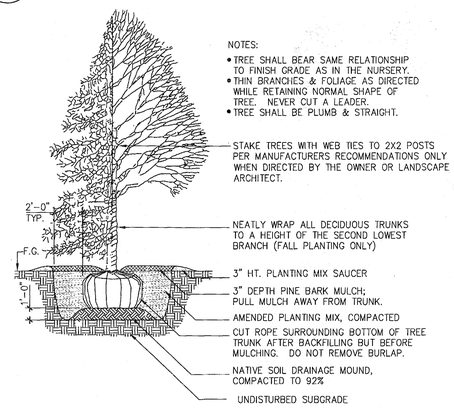
7 TYPICAL HANDICAP RAMP (TYPE 'C')

N.T.S.



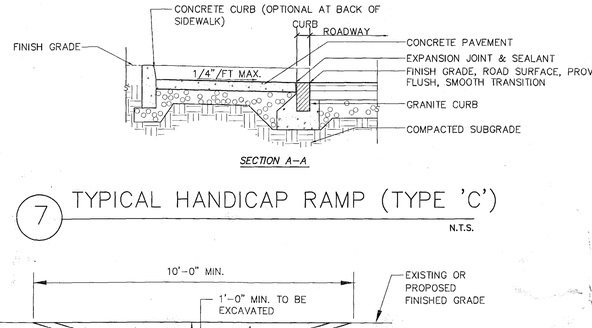
8 TYPICAL GRASS DRAINAGE DITCH

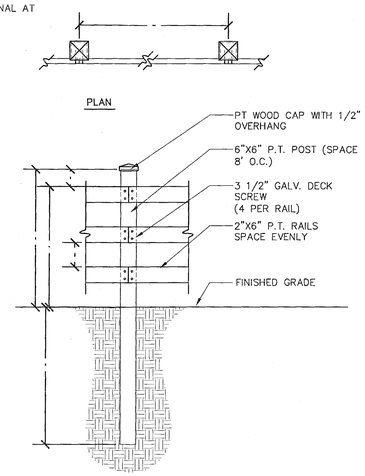
N.T.S.



9 DECIDUOUS/EVERGREEN TREE PLANTING

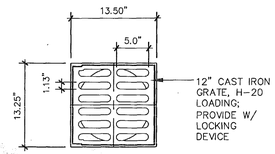
N.T.S.



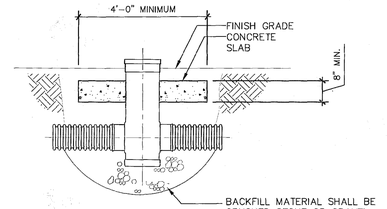


10 WOOD THREE RAIL FENCE

N.T.S.

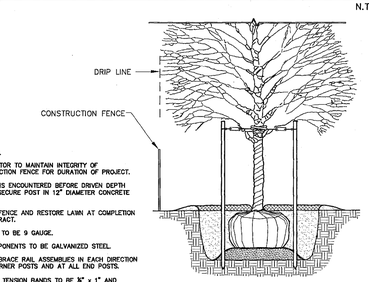


GRATE DETAIL



11 YARD DRAIN

N.T.S.

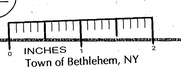


FENCE NOTES:
1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION FENCE FOR DURATION OF PROJECT.
2. IF ROCK IS ENCOUNTERED BEFORE DRIVEN DEPTH SHOWN, SECURE POST IN 12" DIAMETER CONCRETE FOOTING.
3. REMOVE FENCE AND RESTORE LAWN AT COMPLETION OF CONTRACT.
4. ALL TIES TO BE 9 GAUGE.
5. ALL COMPONENTS TO BE GALVANIZED STEEL.
6. INSTALL BRACE RAIL ASSEMBLIES IN EACH DIRECTION FROM CORNER POSTS AND AT ALL END POSTS.
7. BRACE / TENSION BANDS TO BE ¾" x 1" AND FASTENED WITH ⅜" x 1 ¾" CARRIAGE BOLTS.

NOTE FOR EVERGREEN TREES LOCATE CONSTRUCTION FENCE 5' CLEAR OF BASE BRANCHES

12 TREE PROTECTION DETAIL

N.T.S.



Town of Bethlehem, NY

Town of Bethlehem Planning Board
By direction of the Chairman
these plans are hereby approved.
See first sheet for date & signature.

NO.	REVISION	DATE	BY
6	RESPONSE TO COMMENTS	07-11-13	LS
5	REVISED LAYOUT	06-03-13	LS
4	RESPONSE TO COMMENTS	02-15-13	LS
3	RESPONSE TO COMMENTS	02-07-13	LS
2	REDUCED 8 UNIT TO 6 UNIT	10-01-12	LS
1	ONE WAY DRIVE	09-20-12	LS

GORDON RESIDENTIAL DEVELOPMENT

UNAUTHORIZED ALTERATION OR ADDITION TO THIS PLAN IS A VIOLATION OF APPLICABLE STATE AND / OR LOCAL LAWS

STATE OF NEW YORK — MICHAEL B. TROMBLEY — 077285 — LICENSED PROFESSIONAL ENGINEER

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DESIGNED	L.S.	DRAWN BY	T.A.R.	CHECKED	M.B.T.

FEURA BUSH ROAD APARTMENTS
408, 410 FEURA BUSH ROAD
BETHLEHEM, NEW YORK

DETAILS 2

DATE	CME No.	SCALE	AS NOTED
06-17-12	112.022		

CD-2

SHEET NUMBER 10 of 13

Last Saved by: Ted Rainow
Plot Date: Oct/ober 9, 2013 10:40 AM
File Name: E:\Projects\2012\112.022 FeuraBush April-Gordon\cadd\dwg\C10 DETAILS 1.dwg