

LEGEND

- Monument - found
- Monument, 6"x6" (proposed)
- Iron marker - found
- Iron marker, #5 rebar (proposed)
- Utility pole
- No Disturbance Stream Buffer Area
- Wetland area
- Impacted Wetlands
- Stone wall
- Edge of pavement
- Easement line
- Road right of way line
- Town line
- Well

APPROVED BY THE TOWN OF CUMBERLAND, MAINE PLANNING BOARD.

DATE: _____

CHAIRMAN: _____

- REFERENCES**
- (1) Town line and Orchard Road records provided by the Town of Cumberland.
 - (2) Plan of Property made for Orville S. Jewett by Survey, Inc. dated October, 1986.
 - (3) Plan of Quaker Ridge Subdivision made by Pinkham and Greer dated August 30, 2001, recorded in the Cumberland County Registry of Deeds in Plan Book 202, Page 654.
 - (4) Boundary Survey made for Cecil A. Doughty and Louise J. Doughty by Royal River Survey Company dated June 9, 2003.
 - (5) Boundary Survey made for Alexandra Hughes by Titcomb Associates dated October 24, 2003.

- NOTES**
- (1) Book and Page references are to the Cumberland County Registry of Deeds, unless otherwise specified.
 - (2) Bearings are referenced to grid north Maine State Coordinate Plane System, West Zone.
 - (3) Lot 1 is subject to the conditions and restrictions set forth in Book 3012, Page 99.
 - (4) The future road extension area is created for potential future use by the Town of Cumberland as a connection between the proposed street and adjoining properties or streets. This area will not be utilized for construction or drainage purposes, and no fill shall be placed without prior Town approval. The area is not to be used as a sole source of access/egress to the abutting property. The recording of this Plat Plan will be deemed a dedication to the Town of Cumberland.
 - (5) Additional filling of wetlands, in addition that shown as wetland impact, will not be allowed without regulatory approval.
 - (6) Individual lot owners are responsible for installation of erosion control measures during construction activities associated with home-building, see drawing C-300 and C-302 for details.
 - (7) During construction, construction material waste must be separated from hazardous waste material, if any, and placed in a storage container (dumpster) to be hauled and properly disposed of by the hauler at an approved D.E.P. disposal site.
 - (8) Each residence shall include the following appurtenances as approved by the town of Cumberland fire chief.
 - * the location and style of street numbers shall be approved by the fire department.
 - * an outside flashing light, that is interconnected with the smoke detectors, shall be located in an area easily visible from the driveway of each residence.
 - (9) Lot owners have the right to drill wells in the open space, if necessary.
 - (10) The residential structure on each lot must have an NFPA approved sprinkler system.
 - (11) Septic systems shall be located in accordance with the limitations established and shown by Sweet Associates on plan entitled "Nitrate Analysis and Well Exclusion Area Plan". Any modifications to the septic system leach bed locations shown on that plan must be submitted to the Town for approval.
 - (12) Subdivision, sign maintenance shall be by the Homeowner's Association (HOA).
 - (13) Stormwater detention basin maintenance shall be by Homeowner's Association. The Town of Cumberland shall have the right to entry to perform maintenance, if not performed by the HOA and bill the HOA for said maintenance costs.
 - (14) Stormwater management analysis assumptions
 - 2000 s.f. - footprint of structure
 - 1500 s.f. - area of driveway
 - 6500 s.f. - area of lawnIf a lot owner intends to significantly (greater than 5% increase) exceed these areas, he must obtain State and Local approval prior to construction.
 - (15) Trails to be in open space, owned and maintained by Homeowners Assoc. Trails to be cleared by developer and base left in natural condition. Trails to be open for public use.
 - (16) No excavation shall be made on land adjacent to the pipelines which will in any way impair or withdraw the lateral support or which will cause any subsidence or damage to the pipelines.
 - (17) Prior to any work in the vicinity of the Exxon-Mobile Pipeline Company assets, contractor must contact the Exxon-Mobile area supervisor Mike Dencso at (207) 797-1999 a minimum of 72 hours prior to any work.
 - (18) Prior to any work in the vicinity of the Northern Utilities pipeline assets, contractor must contact the Northern Utilities supervisor Rick Bellemare at (207) 797-8002 a minimum of 72 hours prior to any work.
 - (19) A minimum of 100 foot separation must be maintained between wells and septic system leach fields.

OWNERS OF RECORD

Greta Rose Jewett
Book 18842, Page 23

CERTIFICATION

This survey substantially conforms to the current standards of practice set forth by the Maine State Board of Licensure for Land Surveyors.

Rex J. Croteau Maine PLS #2273

ORCHARD RIDGE SUBDIVISION
Plat Plan

MADE FOR
SYTDesign Consultants

P. O. Box 86A Cumberland Center, Maine

JOB# 204026 DATE: August 14, 2002 SCALE: 1"=100'

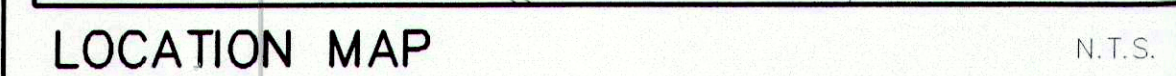
BOOK# 765

Titcomb-Plat_AA_r2

FILE# 8745

Titcomb Associates
133 Gray Road
Falmouth, Maine 04105

11-01-04 FOR CONSTRUCTION



PARCEL IS LOCATED IN ZONE

	REQUIRED	PROPOSED
--	----------	----------

PLAN REFERENCES

1. TOWN LINE AND ORCHARD OF CUMBERLAND.

- NET RESIDENTIAL ACREAGE CALCULATION:

32.24 ACRES	GROSS ACREAGE
-4.84	15% FOR ROADS AND PARKING

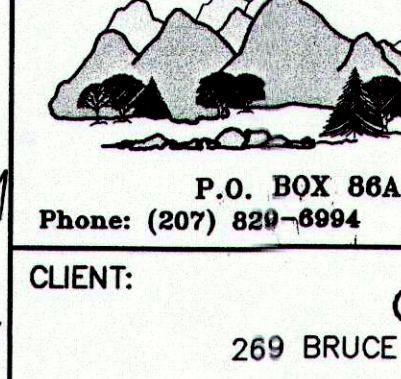
24.24 ACRES NET RESIDENTIAL ACREAGE

LEGEND	
EXISTING	PROPOSED

BUILDING
INTERMEDIATE C

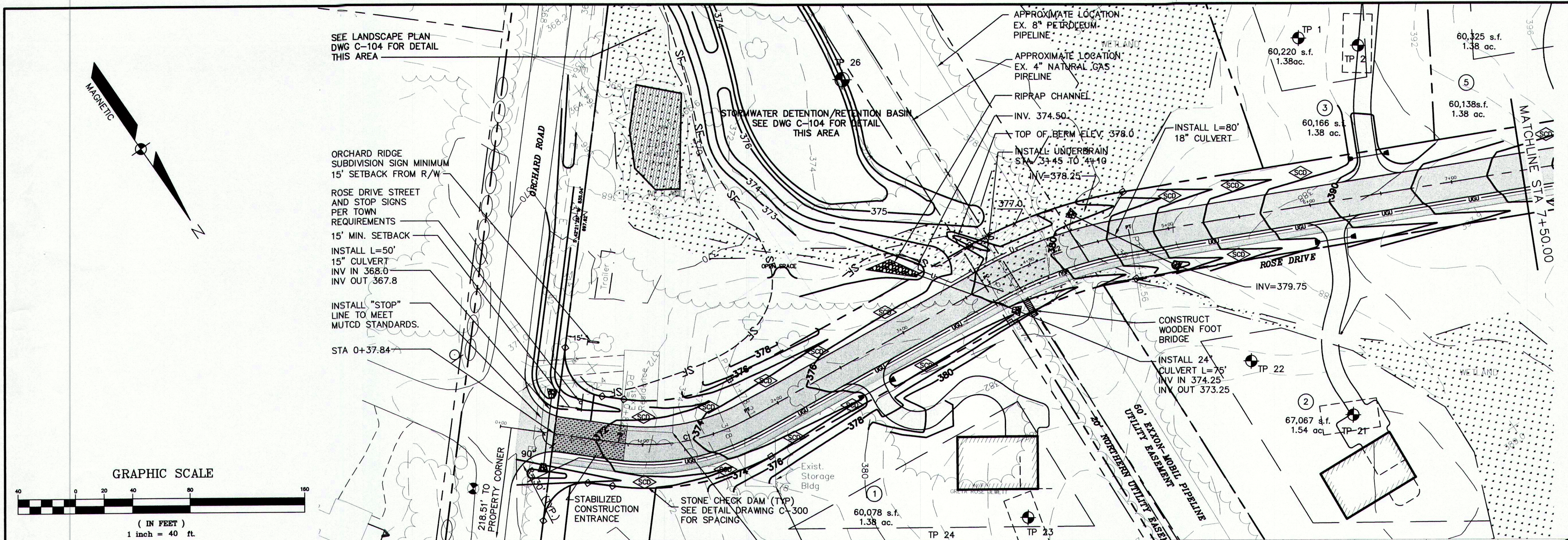
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SYTDesign Consultants, ANY ALTERATIONS OTHERWISE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SYTDesign Consultants.

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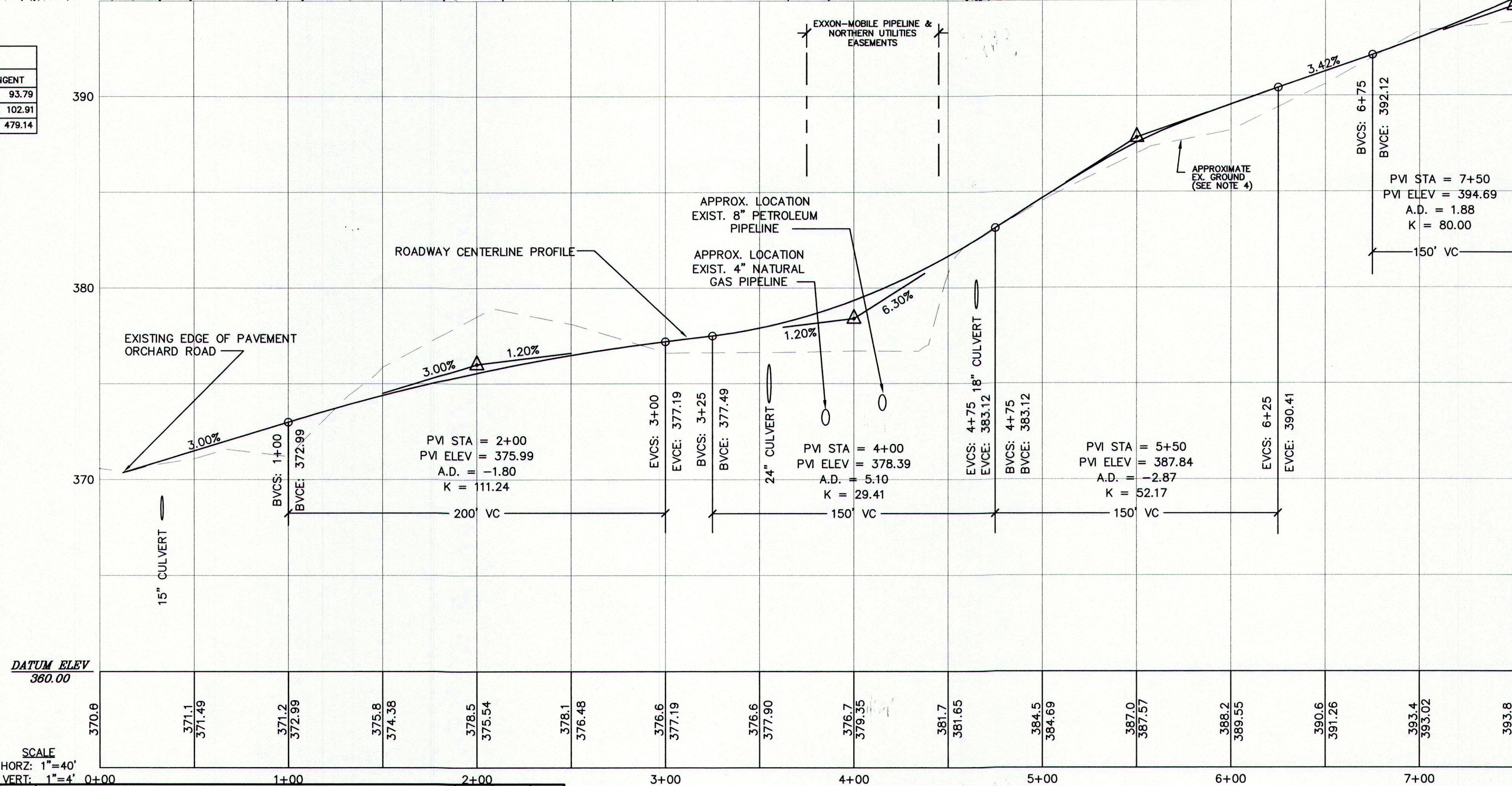
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CLIENT: _____

04-21300-SK100	SCORE: 1 = 100	NO.			C-101	9
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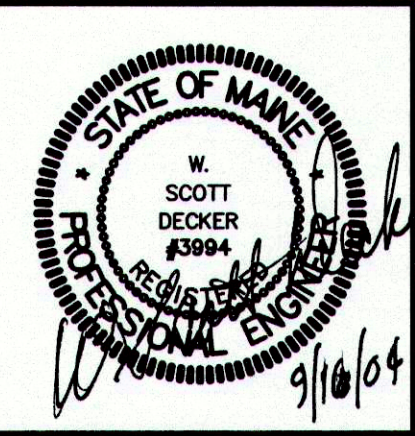


CURVE TABLE							
CURVE	PC STA	PT STA	LENGTH	RADIUS	DELTA	CHORD	CHORD DIRECTION
C1	0+82.82	1+78.21	95.39	150.00	36°28'06"	49.37	N65°32'12"W
C2	3+69.14	4+72.56	103.42	300.00	19°45'04"	52.23	S73°52'44"E
C3	8+92.83	13+72.71	479.87	2500.00	10°59'52"	240.68	S59°02'10"E



- GENERAL NOTES:
- DATUM, HORIZONTAL DATUM BASED ON NAD 83, MAINE STATE PLANE, WEST ZONE. VERTICAL DATUM BASED ON "PROJECT BENCHMARK" IDENTIFIED ON NAVD 88.
 - UTILITY INFORMATION SHOWN IS A COMPILATION OF BEST AVAILABLE PLAN INFORMATION AND FIELD OBSERVATION OF UTILITIES ABOVE GRADE. UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THIS PLAN SHOULD BE USED FOR PLANNING PURPOSES ONLY. DIG SAFE SHOULD BE CONSULTED PRIOR TO ANY CONSTRUCTION.
 - PLAN CONTOURS ARE BASED ON AERIAL PHOTOGRAPHY BY AERIAL SURVEY, INC. OF NORRIDGEWOOD, MAINE WITH GROUND CONTROL SURVEY BY TITCOMB ASSOCIATES OF FALMOUTH, MAINE.
 - EXISTING GROUND PROFILE IS THE RESULT OF FIELD SURVEY BY TITCOMB ASSOCIATES, FALMOUTH, MAINE IN APRIL 2004.
 - THE LOCATION OF DRIVEWAYS, DRIVEWAY CULVERTS, HOUSES AND SEPTIC SYSTEMS ON EACH LOT ARE SHOWN TO MERELY INDICATE A POSSIBILITY FOR THE DEVELOPMENT OF THE LOT. THE INDIVIDUAL LOT OWNER SHALL DETERMINE THE DEVELOPMENT LAYOUT OF HIS/HER LOT WHICH MUST BE APPROVED BY CUMBERLAND CODE ENFORCEMENT OFFICER BEFORE A BUILDING PERMIT WILL BE ISSUED. NO FILLING OF WETLANDS OTHER THAN AT THE LOCATIONS SHOWN WILL BE ALLOWED WITHOUT REGULATORY APPROVAL.
 - DURING CONSTRUCTION, CONSTRUCTION MATERIAL WASTE MUST BE SEPARATED FROM HAZARDOUS WASTE MATERIAL, IF ANY, AND PLACED IN A STORAGE CONTAINER (DUMPSTER) TO BE HAULED AND PROPERLY DISPOSED OF BY THE HAULER AT AN APPROVED D.E.P. DISPOSAL SITE.
 - CORRUGATED METAL PIPE IS UNACCEPTABLE FOR CULVERT MATERIAL. ADS OR HANCOCK SMOOTH BORE ARE ACCEPTABLE PROVIDED THAT BACKFILL AND COMPACTION MEET THE MANUFACTURER'S SPECIFICATIONS.

NO.	REFERENCE DRAWINGS	REV.	DATE	STATUS
I	9/16/04	REVISED SIGN SETBACK	PBB	WSD
H	9/13/04	REVISED CULVERT AT STA. 4+65	JSD	WSD
G	8/31/04	GENERAL REVISIONS	JSD	WSD
F	8/12/04	REVISED ROADWAY CONTOURS - STA 4+00 TO 4+75	AAH	WSD
E	7/27/04	SUBMITTED TO MDEP AND TO TOWN FOR FINAL APPROVAL	AAH	WSD
D	6/15/04	REVISED AND REISSUED TO CCSWCD	AAH	WSD
C	6/29/04	REVISED AND REISSUED TO TOWN	RST	WSD
B	5/25/04	ISSUED WITH PRELIMINARY SUBDIVISION APPLICATION SUBMISSION	RST	WSD
A	5/10/04	ISSUED TO CLIENT FOR PRICING	RST	WSD
			BY	CHKD APPD

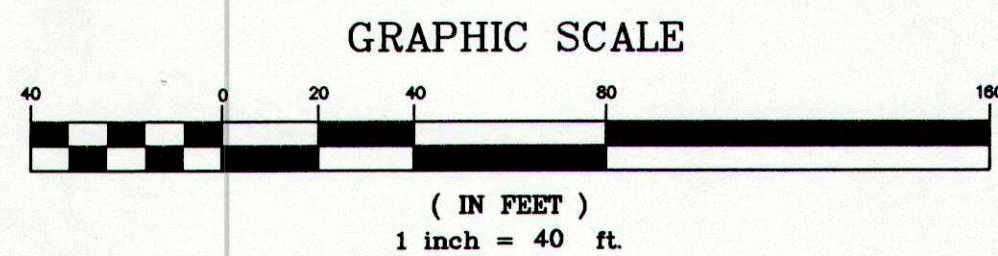
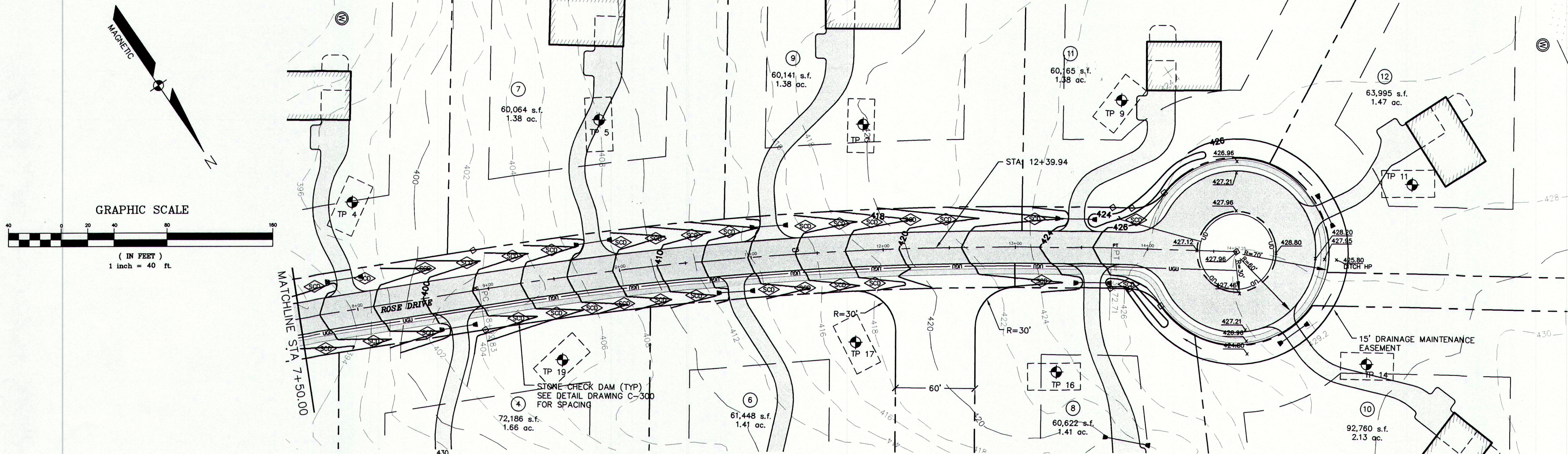


SYTDesign Consultants
CIVIL ENGINEERS & LAND SURVEYORS

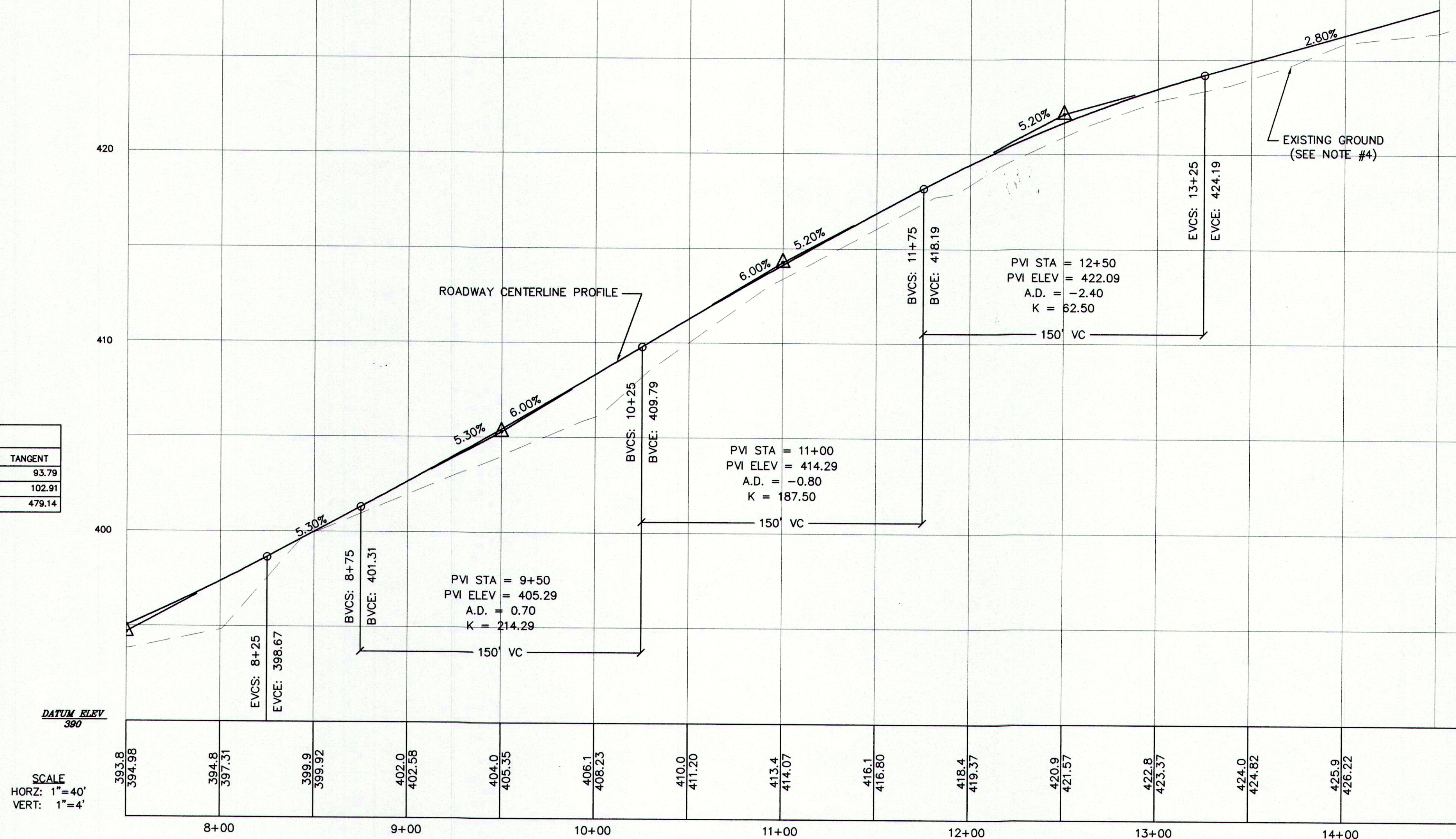
P.O. BOX 86A, CUMBERLAND CENTER, ME. 04021
Phone: (207) 828-6994 Fax: (207) 828-2231 Email: info@sytdesign.com

CLIENT: **ORCHARD RIDGE, LLC**
269 BRUCE HILL ROAD, CUMBERLAND, MAINE 04021

DESIGN: WSD	PROJECT: ORCHARD RIDGE SUBDIVISION ORCHARD ROAD, CUMBERLAND, MAINE
DRAWN: STAFF	PLAN & PROFILE STA 0+00 - 7+50.00
CHKD: WSD	
DATE: MAY 2004	PROJ. NO. 04-213.00
SCALE: AS NOTED	DWG. NO. C-102

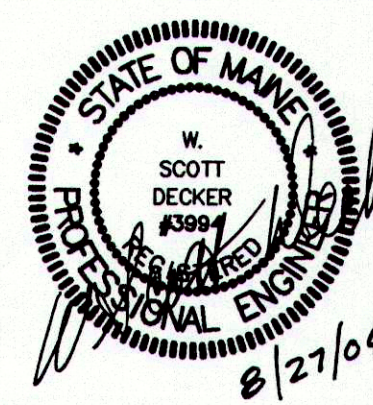


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		E	8/31/04	GENERAL REVISIONS		JSD	WSD	WSD	
		D	7/27/04	SUBMITTED TO MDEP AND TO TOWN FOR FINAL APPROVAL		AAH	WSD	WSD	
		C	6/29/04	REVISED AND REISSUED TO TOWN		RST	WSD	WSD	
		B	5/25/04	ISSUED WITH PRELIMINARY SUBDIVISION APPLICATION SUBMISSION		RST	WSD	WSD	
		A	5/10/04	ISSUED TO CLIENT FOR PRICING		RST	WSD	WSD	
NO.	REFERENCE DRAWINGS	REV.	DATE	STATUS		BY	CHKD	APPD	



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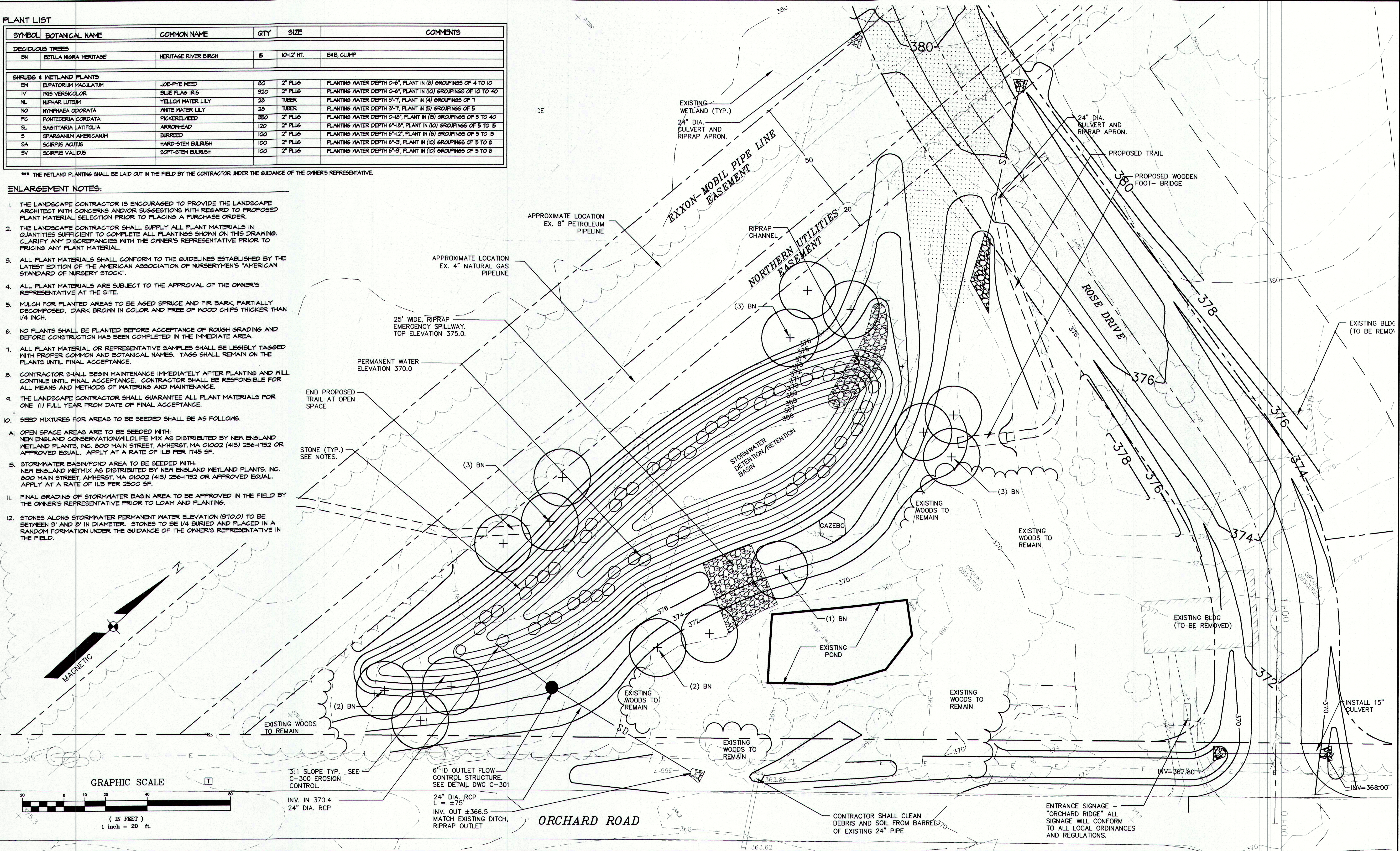
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CHKD: WSD	
DATE: MAY 2004	PROJ. NO. 04-213.00
SCALE: AS NOTED	DWG. NO. C-103
	REV. E




PLANT LIST					
SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENTS
DECIDUOUS TREES					
BN	BETULA NIGRA HERITAGE	HERITAGE RIVER BIRCH	15	10-12' HT.	B&B, CLUMP
SHRUBS & WETLAND PLANTS					
BN	EUPATORIUM MAGULATUM	JOE-PYE WEED	80	2' PLUG	PLANTING WATER DEPTH 0-6", PLANT IN (8) GROUPINGS OF 4 TO 10
IV	IRIS VERSICOLOR	BLUE FLAG IRIS	320	2' PLUG	PLANTING WATER DEPTH 0-6", PLANT IN (10) GROUPINGS OF 10 TO 40
NL	NIPHAR LUTEUM	YELLOW WATER LILY	28	TUBER	PLANTING WATER DEPTH 3'-7", PLANT IN (4) GROUPINGS OF 7
NO	NYMPHAEA ODORATA	WHITE WATER LILY	28	TUBER	PLANTING WATER DEPTH 3'-7", PLANT IN (5) GROUPINGS OF 5
PC	PONTERDERIA CORDATA	PICKERELWEED	960	2' PLUG	PLANTING WATER DEPTH 0-18", PLANT IN (15) GROUPINGS OF 5 TO 40
SL	SAGITTARIA LATIFOLIA	ARROWHEAD	120	2' PLUG	PLANTING WATER DEPTH 6'-12", PLANT IN (10) GROUPINGS OF 5 TO 15
S	SPARGANIUM AMERICANUM	BURREED	100	2' PLUG	PLANTING WATER DEPTH 6'-12", PLANT IN (10) GROUPINGS OF 5 TO 15
SA	SCIRPUS ACUTUS	HARD-STEM BULRUSH	100	2' PLUG	PLANTING WATER DEPTH 6'-3", PLANT IN (10) GROUPINGS OF 5 TO 8
SV	SCIRPUS VALIDUS	SOFT-STEM BULRUSH	100	2' PLUG	PLANTING WATER DEPTH 6'-3", PLANT IN (10) GROUPINGS OF 5 TO 8

*** THE WETLAND PLANTINGS SHALL BE LAID OUT IN THE FIELD BY THE CONTRACTOR UNDER THE GUIDANCE OF THE OWNER'S REPRESENTATIVE.

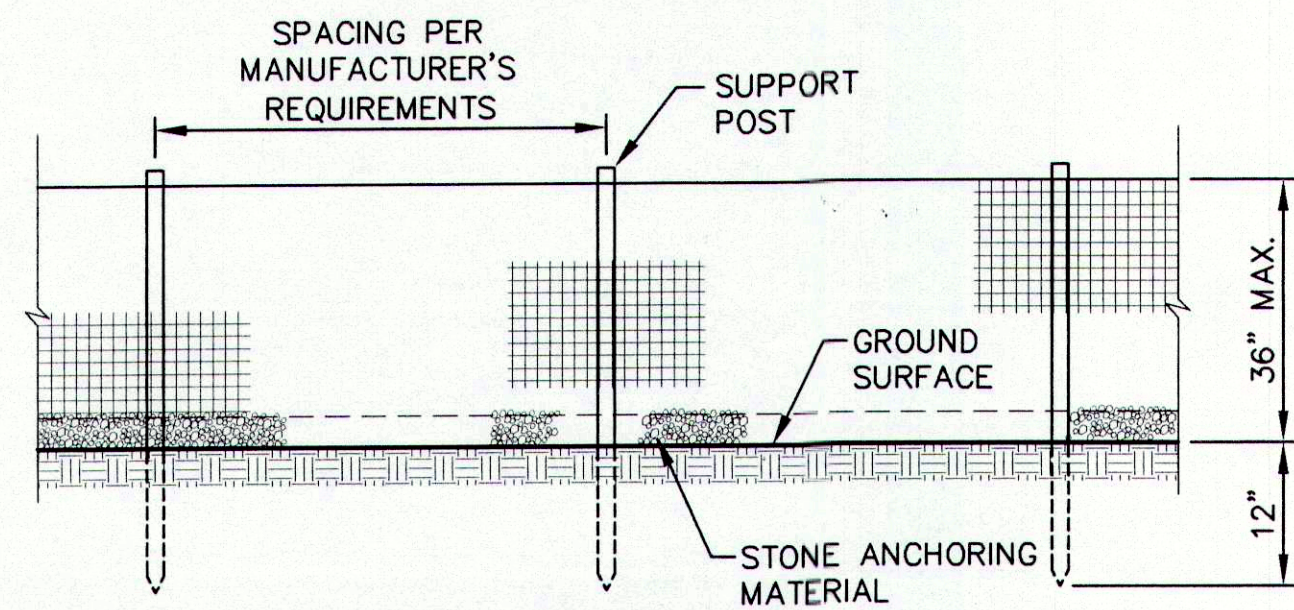
ENLARGEMENT NOTES:

- THE LANDSCAPE CONTRACTOR IS ENCOURAGED TO PROVIDE THE LANDSCAPE ARCHITECT WITH CONCERNS AND/OR SUGGESTIONS WITH REGARD TO PROPOSED PLANT MATERIAL SELECTION PRIOR TO PLACING A PURCHASE ORDER.
- THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING. CLARIFY ANY DISCREPANCIES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PRICING ANY PLANT MATERIAL.
- ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE LATEST EDITION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S "AMERICAN STANDARD OF NURSERY STOCK".
- ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE AT THE SITE.
- MULCH FOR PLANTED AREAS TO BE ASHD SPRUCE AND FIR BARK, PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
- NO PLANTS SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING AND BEFORE CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL PLANT MATERIAL OR REPRESENTATIVE SAMPLES SHALL BE LEGIBLY TAGGED WITH PROPER COMMON AND BOTANICAL NAMES. TAGS SHALL REMAIN ON THE PLANTS UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF WATERING AND MAINTENANCE.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF FINAL ACCEPTANCE.
- SEED MIXTURES FOR AREAS TO BE SEEDED SHALL BE AS FOLLOWS:
 - OPEN SPACE AREAS ARE TO BE SEEDED WITH: NEW ENGLAND CONSERVATION/WILDLIFE MIX AS DISTRIBUTED BY NEW ENGLAND WETLAND PLANTS, INC. 800 MAIN STREET, AMHERST, MA 01002 (413) 256-1752 OR APPROVED EQUAL. APPLY AT A RATE OF 1LB PER 1745 SF.
 - STORMWATER BASIN/POND AREA TO BE SEEDED WITH: NEW ENGLAND WETMIX AS DISTRIBUTED BY NEW ENGLAND WETLAND PLANTS, INC. 800 MAIN STREET, AMHERST, MA 01002 (413) 256-1752 OR APPROVED EQUAL. APPLY AT A RATE OF 1LB PER 2500 SF.
- FINAL GRADING OF STORMWATER BASIN AREA TO BE APPROVED IN THE FIELD BY THE OWNER'S REPRESENTATIVE PRIOR TO LOAM AND PLANTING.
- STONES ALONG STORMWATER PERMANENT WATER ELEVATION (370.0) TO BE BETWEEN 3' AND 8' IN DIAMETER. STONES TO BE 1/4 BURIED AND PLACED IN A RANDOM FORMATION UNDER THE GUIDANCE OF THE OWNER'S REPRESENTATIVE IN THE FIELD.

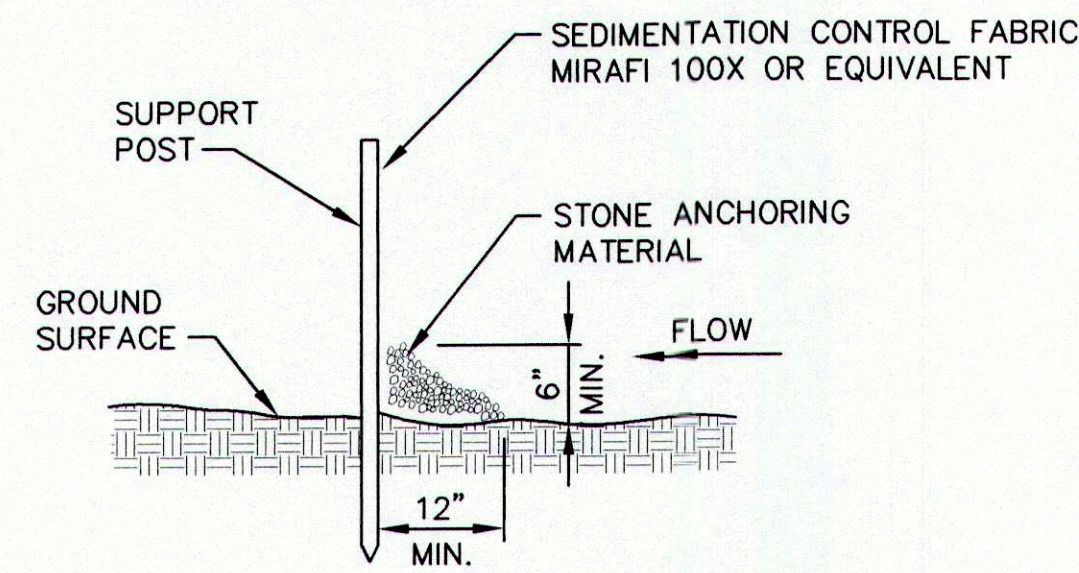


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		D	7/27/04	SUBMITTED TO MDEP AND TO TOWN FOR FINAL APPROVAL			AAH	WSD	WSD	LANDSCAPE PLAN			
		C	7/15/04	REVISED AND REISSUED TO THE CCSWCD			AAH	WSD	WSD				
		B	6/29/04	REVISED AND REISSUED TO THE TOWN			PBB	WSD	WSD				
		A	5/25/04	ISSUED WITH PRELIMINARY SUBDIVISION APPLICATION SUBMISSION			PBB	WSD	WSD				
NO.	REFERENCE DRAWINGS	REV.	DATE	STATUS			BY	CHKD	APPD				

FIELD BOOK #	DESIGN: WSD/AAH/PBB	DATE: MAY 2004	PROJ. NO. 04-213.00	REV. D
FIELD BOOK PAGE	DRAWN: RST/AAH/PBB			
FLAT FILE INDEX NUMBER	CHKD: WSD			
PROJECT DIR.	ORCHARD RIDGE, LLC	SCALE: 1"=20'	DWG. NO. C-104	
DRAWING NAME	269 BRUCE HILL ROAD, CUMBERLAND, MAINE 04021			

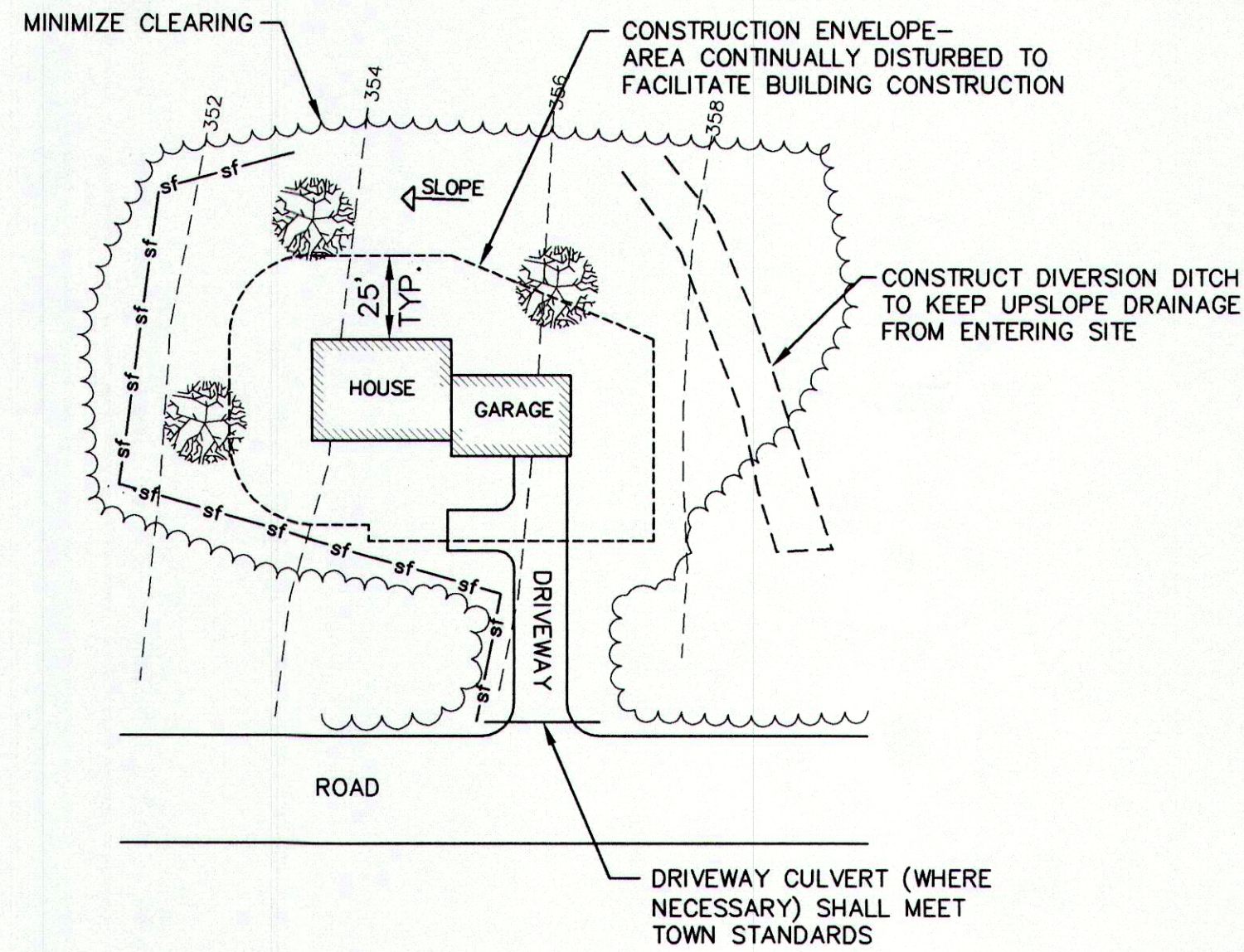


ELEVATION



SECTION

SILTATION FENCE
"STONE FILLET" SECTION
N.T.S.



NOTES:

- MULCH ALL AREAS OUTSIDE 25' ENVELOPE WITHIN 7 DAYS OF FOUNDATION BACKFILL REGARDLESS OF FINAL OR ROUGH GRADING.
- THIS SKETCH INDICATES THE INTENT OF THE SOIL EROSION MEASURES. ACTUAL SITE CONDITIONS WILL VARY FROM SITE TO SITE.
- BUILDING CONTRACTORS SHALL COMPLY WITH THE EROSION CONTROL NOTES SHOWN ON THESE DRAWINGS AND WITH "MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES."

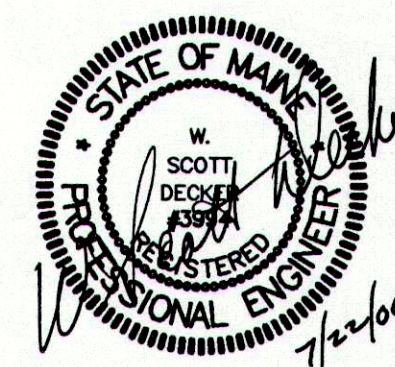
TYPICAL BUILDING SITE EROSION CONTROL PLAN
N.T.S.

CONSTRUCTION SEQUENCE

- INSTALL TEMPORARY EROSION CONTROL MEASURES IN THE VICINITY OF THE SITE ENTRANCE AREA AND PROPOSED POND INCLUDING A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE @ LOCATIONS SHOWN ON THE PLANS AND AT OTHER LOCATIONS DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE
- CUT TREES AND CLEAR SITE WITHIN CONSTRUCTION AREA.
- INSPECT AND REPAIR, AS NECESSARY, EXISTING TEMPORARY EROSION CONTROL MEASURES.
- INSTALL ADDITIONAL EROSION CONTROL MEASURES NECESSARY FOR WORK AS DEPICTED ON PLANS.
- COMPLETE CLEARING AND GRUBBING OF SITE, STOCKPILING OF TOPSOIL.
- CONSTRUCT DETENTION POND
- CONSTRUCT ROAD AND INSTALL CULVERTS
- INSTALL OTHER PROJECT APPURTENANCES
- PLACE LOAM SEED & MULCH, AS AREAS ARE COMPLETED
- FOLLOWING THE ESTABLISHMENT OF GRASS, REMOVE TEMPORARY EROSION CONTROL MEASURES

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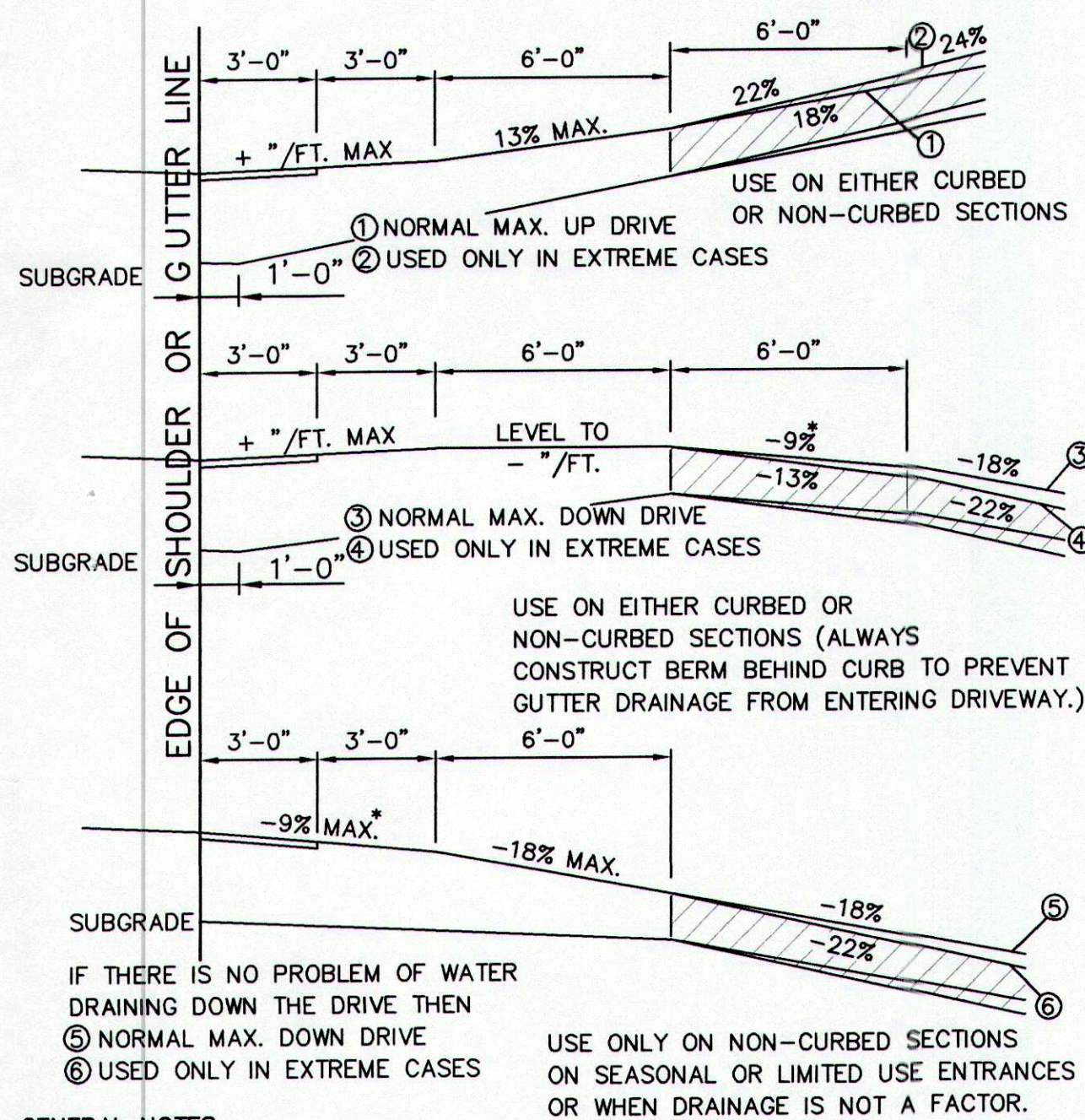
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FIELD BOOK PAGE	DRAWN: CYN	
FLAT FILE INDEX NUMBER	CHKD: WSD	EROSION AND SEDIMENTATION CONTROL NOTES & DETAILS - SHEET 2 OF 2
PROJECT DIR.	DATE: MAY 2004	PROJ. NO. 04-213.00
DRAWING NAME 04-21300-SK100	SCALE: AS NOTED	DWG. NO. C-301
		REV. B



GENERAL NOTES:

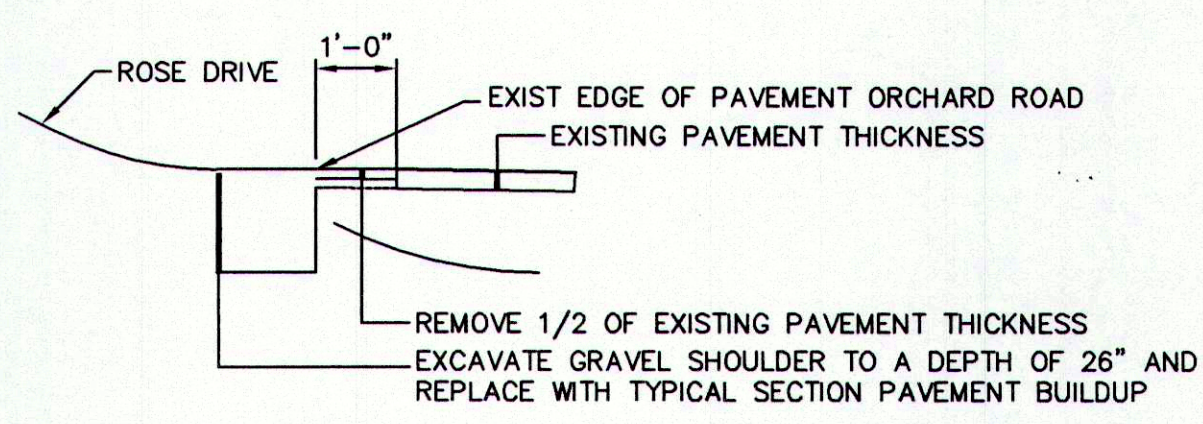
1. THE FIRST 3' SHOWN AS PAVEMENT SHOULD BE PAVED ONLY WHEN ABUTTING A PAVED AREA.
2. ALL RESIDENTIAL DRIVES 10% AND OVER SHOULD BE PAVED.

NOTES ON MAXIMUM DRIVEWAY PROFILES:

1. THESE PROFILES ARE A GUIDE FOR THE MAJORITY OF CASES, BUT SHOULD BE FIELD CHECKED WHEN THE MAIN LINE GRADE IS STEEP (4% TO 6% OR GREATER) OR THE ANGLE OF APPROACH TO THE DRIVE IS UNUSUAL.
2. GENERALLY THE MAJORITY OF DRIVES ON A PROJECT WILL BE BUILT WITH FLATTER PROFILES THAN THESE MAXIMUM CASES.
3. WHEN GRADING DRIVES WHICH ARE FLATTER THAN THE MAXIMUM PROFILES THE FOLLOWING RULE OF THUMB SHOULD BE USED: DO NOT EXCEED A GRADE % CHANGE OF MORE THAN 9% IN A 6 FOOT INCREMENT OF DRIVEWAY LENGTH. THIS APPLIES TO BOTH UP AND DOWN PROFILES.

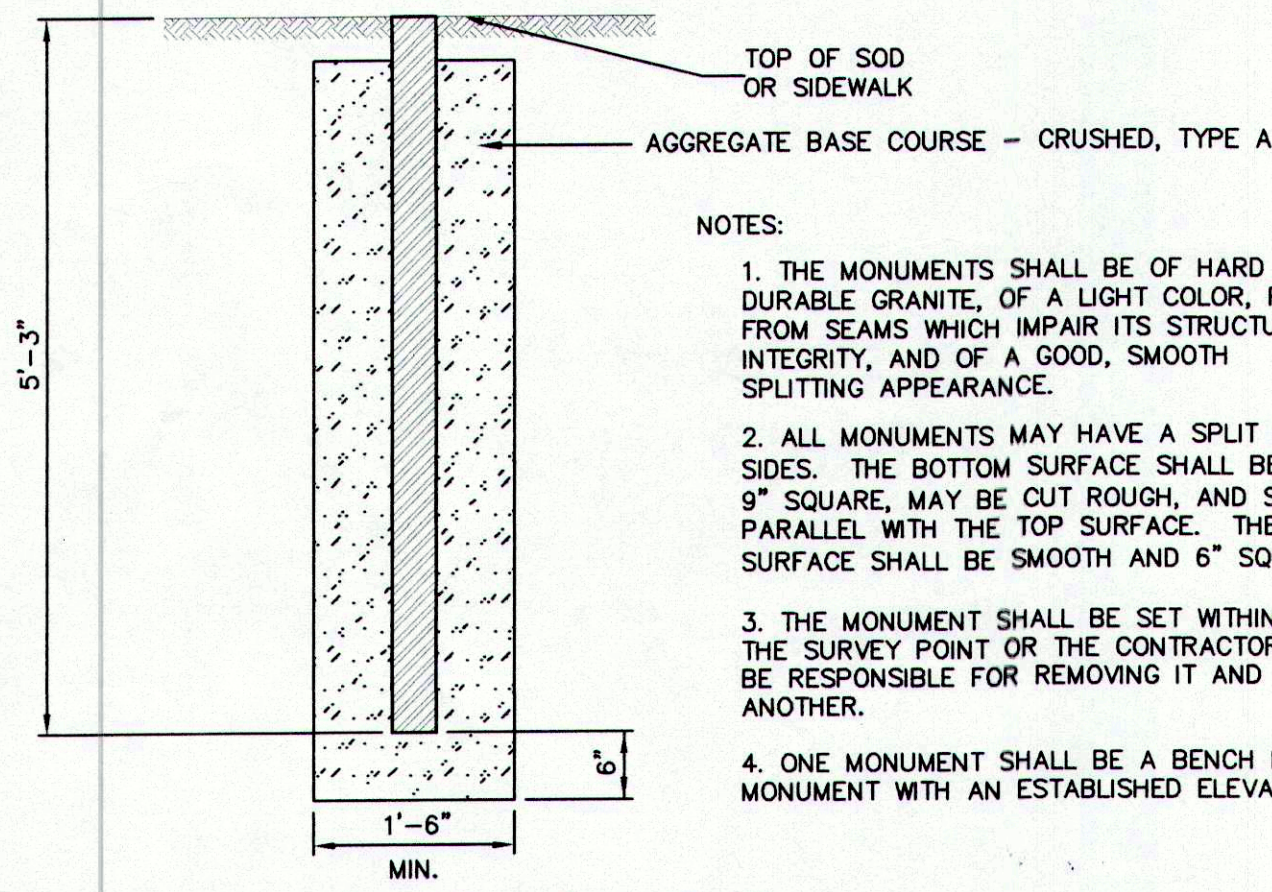
DRIVE SLOPES

N.T.S.



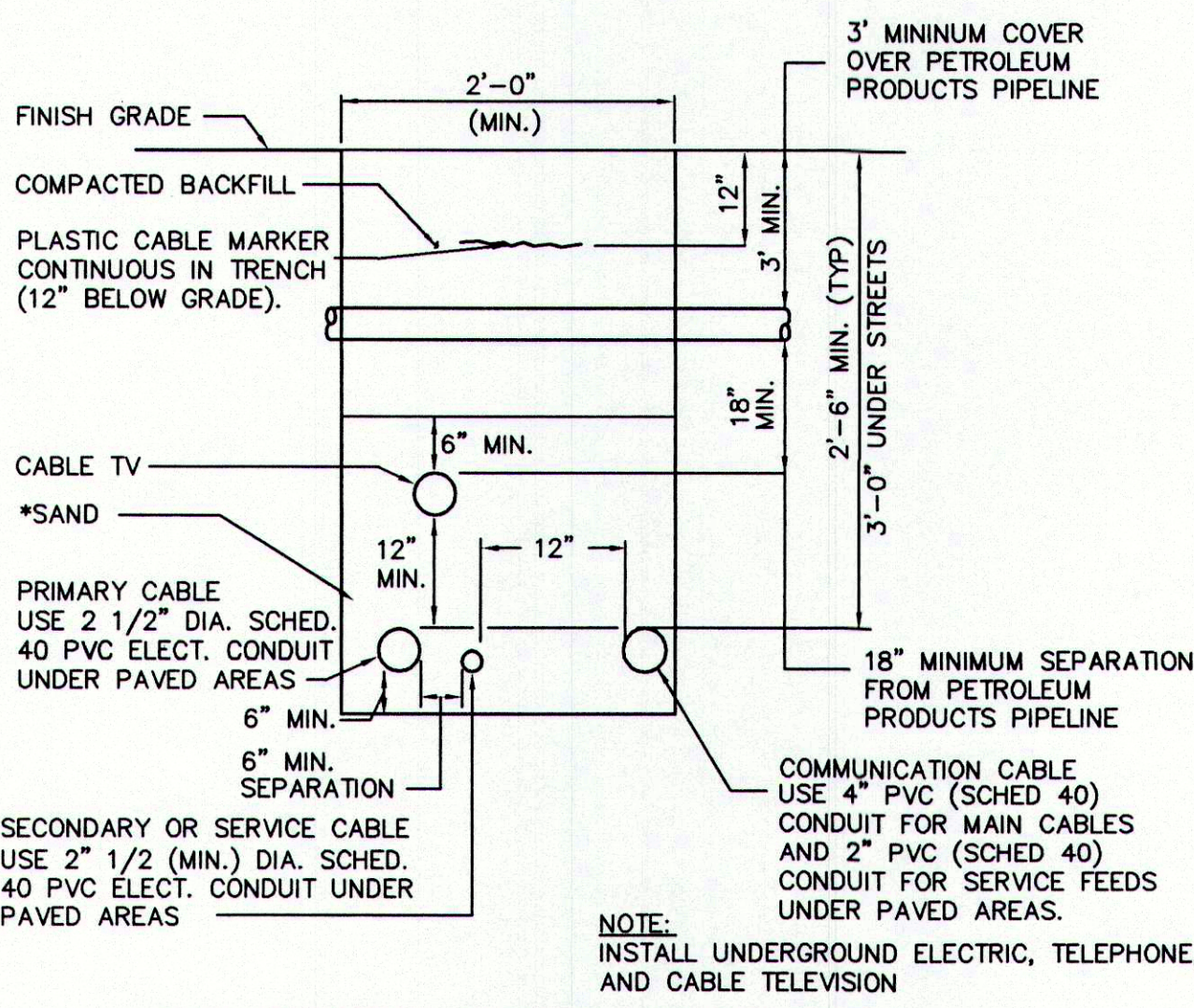
ORCHARD HILL ROAD INTERSECTION DETAIL

N.T.S.



GRANITE STREET MONUMENT

N.T.S.

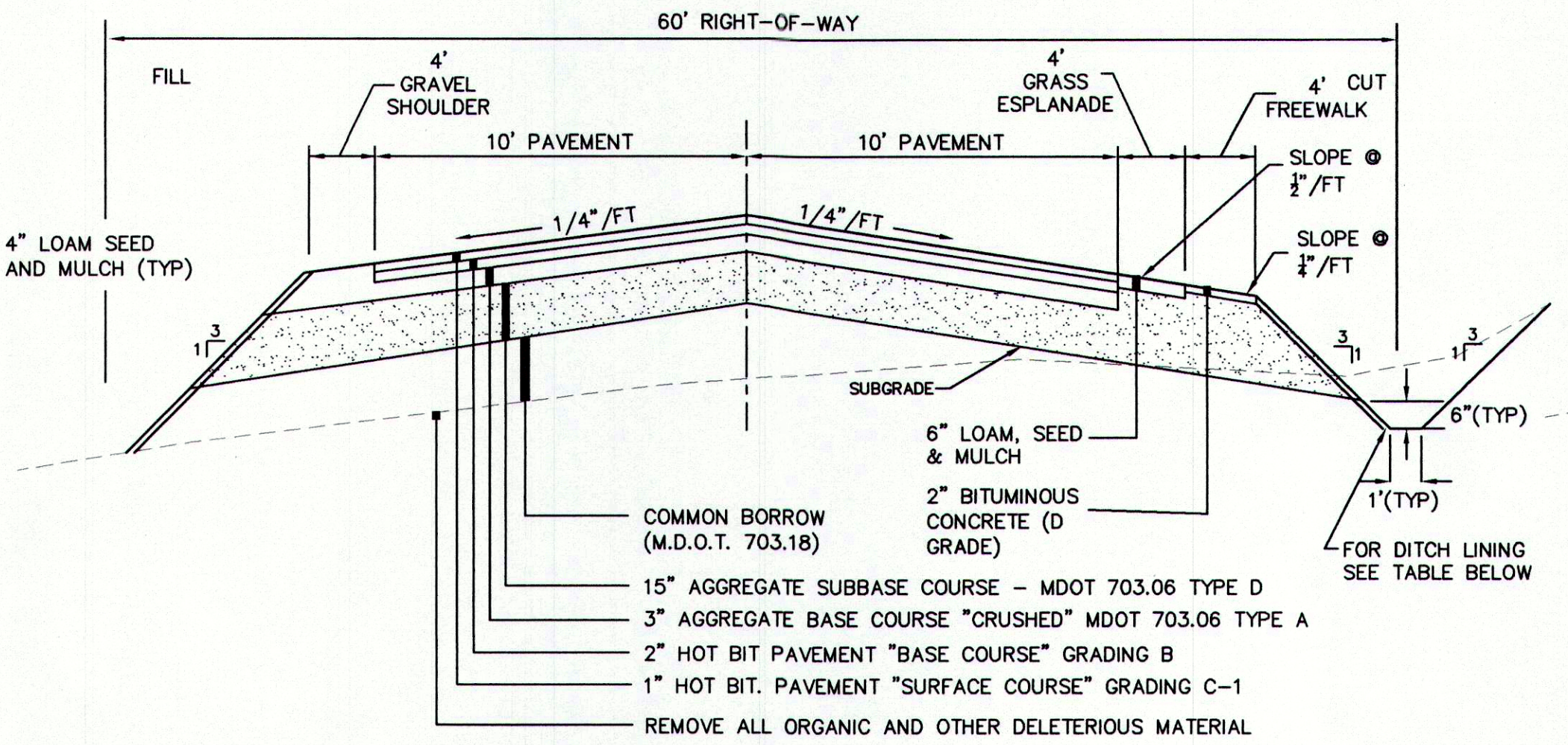


UNDERGROUND UTILITY CONDUIT DETAIL

N.T.S.

* WITHIN THE EXXON-MOBILE PIPELINE RIGHT-OF-WAY SAND SHALL BE REPLACED WITH RED DYE CONCRETE.

H	8/12/04	REVISED ELEVATIONS OF DETENTION POND EMBANKMENT	AAH	TWS	TWS
G	7/27/04	REVISED AND SUBMITTED TO TOWN FOR FINAL APPROVAL	AAH	TWS	TWS
F	7/27/04	SUBMITTED TO MDEP AND TO TOWN FOR FINAL APPROVAL	AAH	WSD	WSD
E	7/12/04	REVISED DWG # AND REISSUED TO CCSWCD	AAH	WSD	WSD
D	5/29/04	REVISED AND REISSUED TO TOWN	JSD	WSD	WSD
C	5/27/04	GENERAL REVISIONS TO STORMWATER DETAILS	RST	WSD	WSD
B	5/25/04	ISSUED WITH PRELIMINARY SUBDIVISION APPLICATION SUBMISSION	RST	WSD	WSD
A	5/10/04	ISSUED TO CLIENT FOR PRICING			
NO.		REFERENCE DRAWINGS	REV.	DATE	STATUS
			BY	CHKD	APPD



TYPICAL SECTION SUBDIVISION ACCESS ROAD

N.T.S.

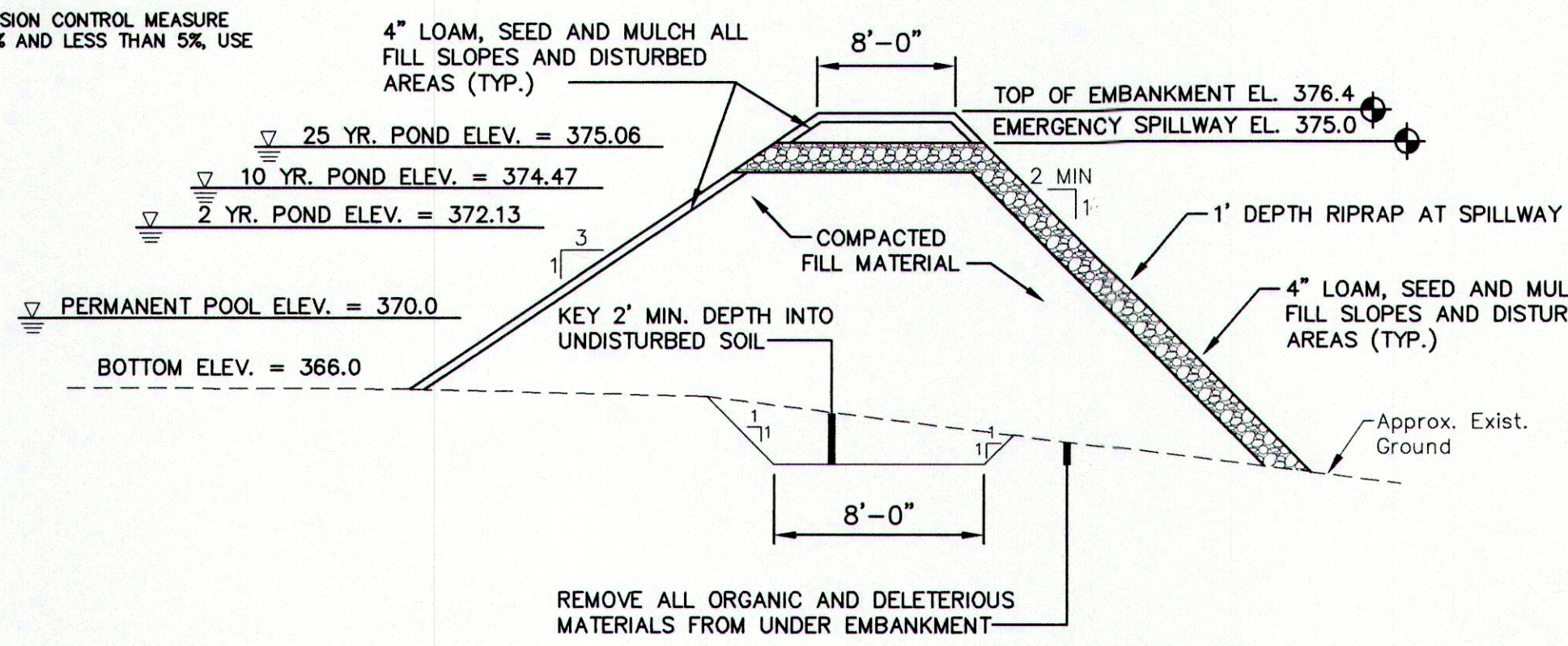
NOTES:

DITCH LININGS SHALL BE PROVIDED TO PROTECT THE SIDE SLOPES AND BOTTOM FROM EROSION AND SCOUR. MINIMUM CHANNEL LININGS FOR CORRESPONDING LONGITUDINAL SLOPES SHALL CONFORM TO THE FOLLOWING TABLE:

0-3%	LOAM AND SEED
3-5%	LOAM AND SEED, PROTECTED BY EROSION CONTROL TEMPORARY USE BLANKET
OVER 5%	STONE RIPRAP

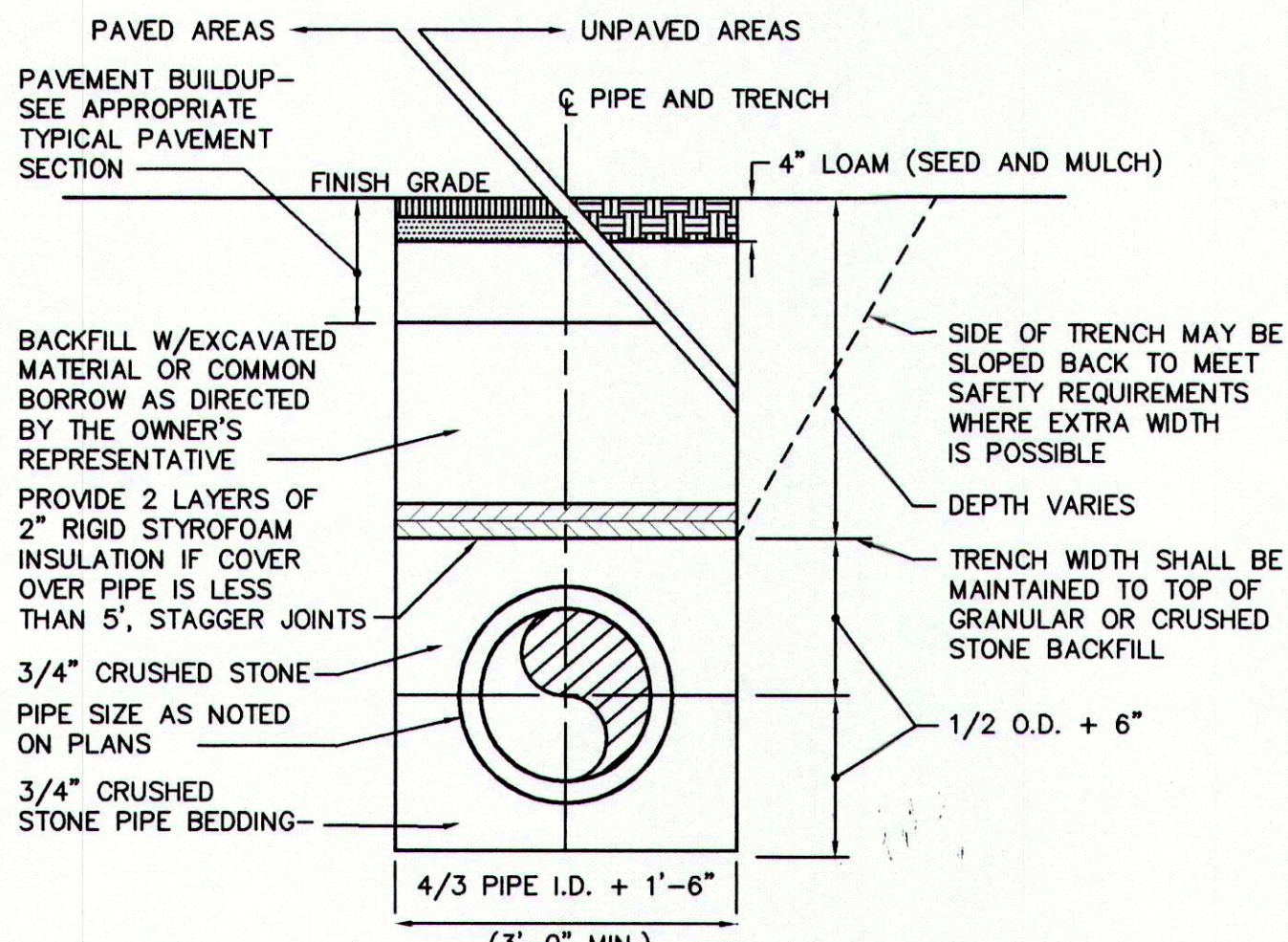
EROSION CONTROL MESH SHALL BE BY NORTH AMERICAN GREEN, OR APPROVED EQUIV.

- 1) AS A TEMPORARY EROSION CONTROL MEASURE, WHERE CHANNEL SLOPE IS LESS THAN 3% USE S-150 WITH STAPLE D.
- 2) AS A TEMPORARY AND PERMANENT EROSION CONTROL MEASURE ON CHANNEL SLOPES GREATER THAN 3% AND LESS THAN 5%, USE C-350, WITH STAPLE E.



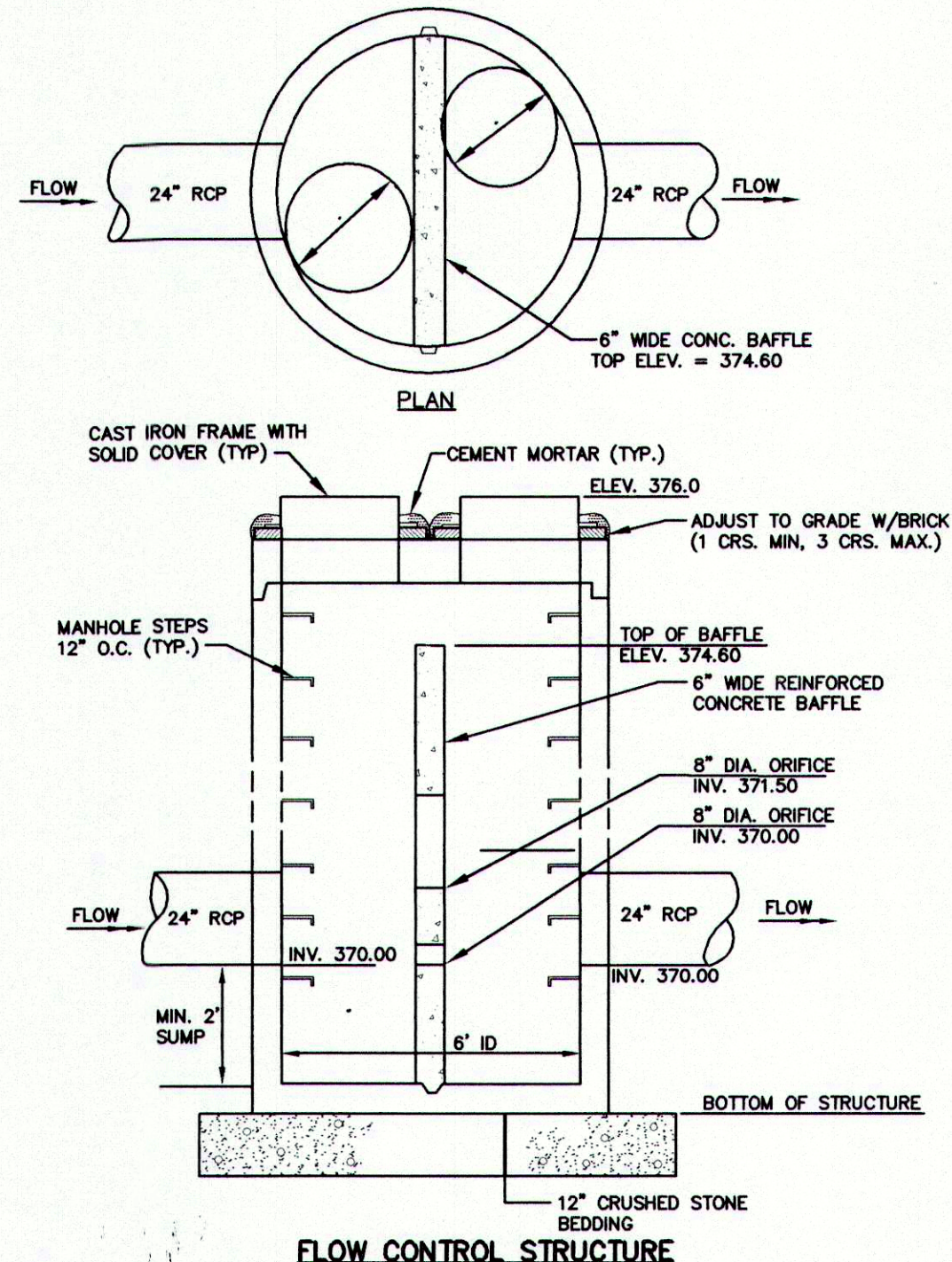
DETENTION POND EMBANKMENT

N.T.S.



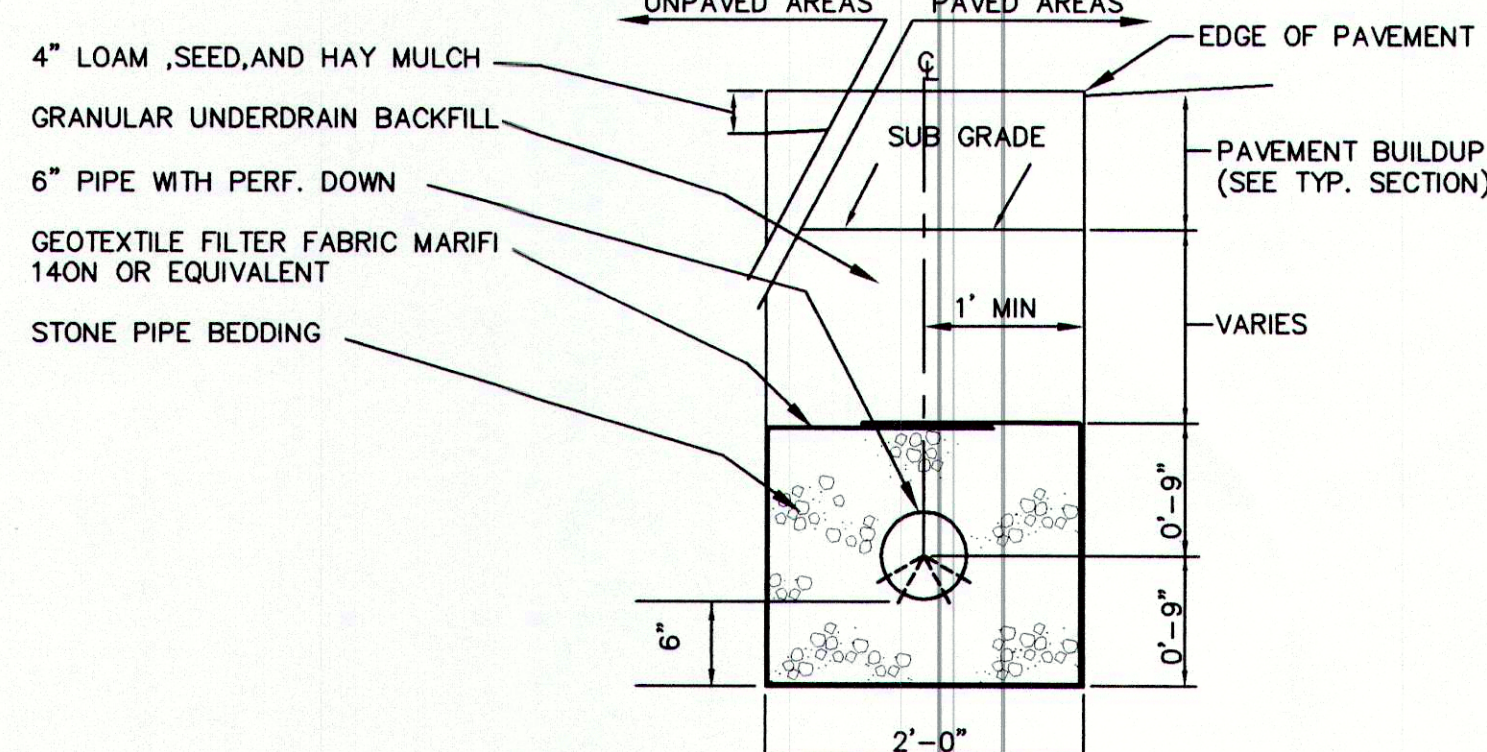
TYPICAL TRENCH SECTION

N.T.S.



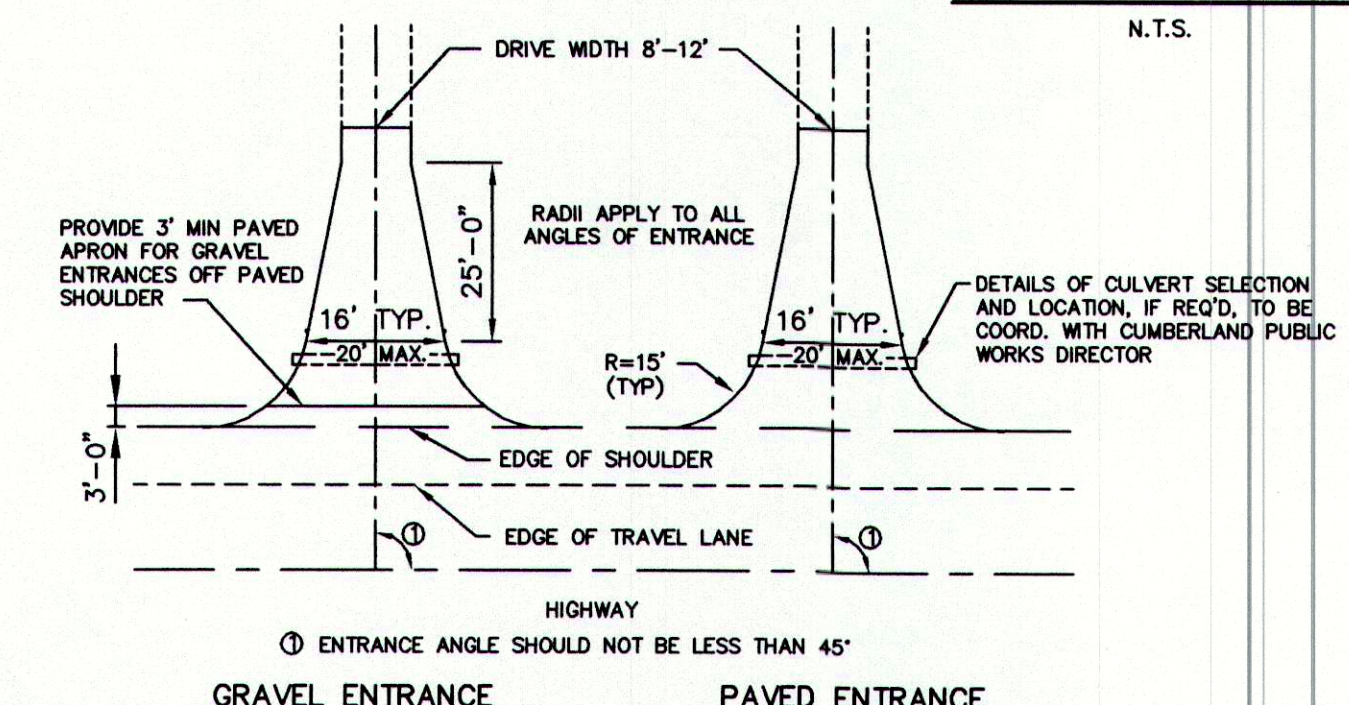
FLOW CONTROL STRUCTURE

N.T.S.



UNDERDRAIN TRENCH TYPE "B"

N.T.S.



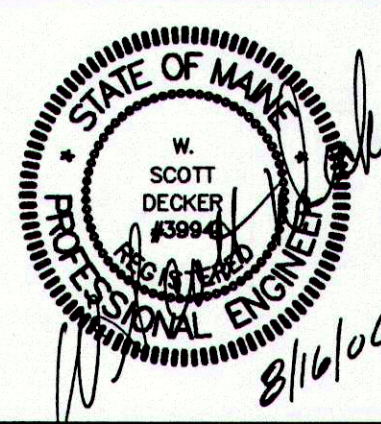
RESIDENTIAL ENTRANCE

N. T. S.

GENERAL NOTES:

1. TRAFFIC CONTROL STOP SIGNS, PAINTED STOP BARS, AND STREET SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT EDITION OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. UNDERGROUND ELECTRIC, TELEPHONE, AND CABLE SERVICE TO BE INSTALLED PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL PERMITS AND REGULATIONS GOVERNING THE CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR SHALL VERIFY THE ACTUAL FIELD LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND COMPLY WITH THE REGULATIONS OF THE RESPECTIVE UTILITIES WHEN WORKING IN PROXIMITY TO THE UTILITY PLANT.
6. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING PAVEMENT AREAS OUTSIDE THE AREAS TO BE DISTURBED. DAMAGED AREAS SHALL BE REPAIRED TO THE ORIGINAL CONDITION OR BETTER.
7. CAST-IN-PLACE CONCRETE STRUCTURES SHALL BE 3,000 PSI CONCRETE.
8. ALL DISTURBED AREAS NOT DESIGNATED OTHERWISE SHALL BE TREATED WITH 4" OF LOAM, FERTILIZER, LIME, SEED, AND MULCH.
9. OWNERS REPRESENTATIVE WILL PROVIDE SURVEY BASELINE CONTROL ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT.
10. OWNERS REPRESENTATIVE MUST DIRECT ANY WORK BEING DONE WITHIN THE DRIP LINE OF TREES THAT ARE TO REMAIN, TO MINIMIZE DISTURBANCE.
11. EXACT LOCATIONS OF INDIVIDUAL LOTS ELECTRIC TRANSFORMERS, TELEPHONE SERVICE, AND CABLE SERVICE TO BE DETERMINED FOLLOWING COORDINATION WITH THE RESPECTIVE UTILITY.
12. ELECTRIC INSTALLATION TO CONFORM WITH CENTRAL MAINE POWERS CONTRACTORS HANDBOOK FOR ELECTRIC SERVICE AND METER INSTALLATIONS. CMP WILL DESIGN SYSTEM LAYOUT FOLLOWING REGULATORY APPROVAL OF THE SUBDIVISION DRAWINGS.
13. PRIMARY CABLE TO BE EXTENDED AS NECESSARY TO LIMIT CMP OWNED SECONDARY SERVICES TO 150 FEET OR LESS.
14. CENTRAL MAINE POWER RECOMMENDS THAT ALL CABLES BE INSTALLED IN APPROPRIATELY SIZED CONDUIT. HOWEVER, ALL CABLE SHALL BE IN CONDUIT UNDER ALL PAVED AREAS, ROADWAYS, AND DRIVEWAYS.
15. TRANSFORMER FOUNDATIONS - SEE ILLUSTRATION #19 IN THE CONTRACTORS HANDBOOK.
16. NO BLASTING IS PERMITTED ON PROJECT WITHOUT APPROVAL OF EXXON-MOBILE PIPELINES ENGINEERING DEPARTMENT AND NORTHERN UTILITIES.
17. NO EXCAVATIONS SHALL BE MADE ON LAND ADJACENT TO THE PIPELINES WHICH WILL IN ANY WAY IMPAIR OR WITHDRAW THE LATERAL SUPPORT OR WHICH WILL CAUSE ANY SUBSIDENCE OR DAMAGE TO THE PIPELINES.
18. PRIOR TO ANY WORK IN THE VICINITY OF THE EXXON-MOBILE PIPELINE COMPANY ASSETS, CONTRACTOR MUST CONTACT THE EXXON-MOBILE AREA SUPERVISOR MIKE DICENSO AT (207) 767-1999 A MINIMUM OF 72 HOURS PRIOR TO ANY WORK.
19. PRIOR TO ANY WORK IN THE VICINITY OF THE NORTHERN UTILITIES PIPELINE ASSETS, CONTRACTOR MUST CONTACT THE NORTHERN UTILITIES SUPERVISOR RICK BELLHARE AT (207) 767-8002 A MINIMUM OF 72 HOURS PRIOR TO ANY WORK.
20. UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIG SAFE AND PROPER NOTIFICATION OF ALL UTILITY COMPANIES, AND SHALL CONFORM TO ALL FEDERAL AND STATE REGULATIONS IN CONNECTION WITH CONSTRUCTION ACTIVITIES IN THE VICINITY OF UNDERGROUND UTILITIES. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
21. THE RESIDENTIAL STRUCTURE ON EACH LOT MUST HAVE AN NFPA APPROVED SPRINKLER SYSTEM.

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SYTDesign Consultants. ANY ALTERATIONS, OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SYTDesign Consultants.



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FIELD BOOK #	DESIGN: WSD	PROJECT: ORCHARD RIDGE SUBDIVISION
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PROJECT DIR.	DATE: MAY 2004	1 OF 1
DRAWING NAME	SCALE: AS NOTED	PROJ. NO. 04-213.00
04-21300-C300		DWG. NO. C-302
		REV. H