

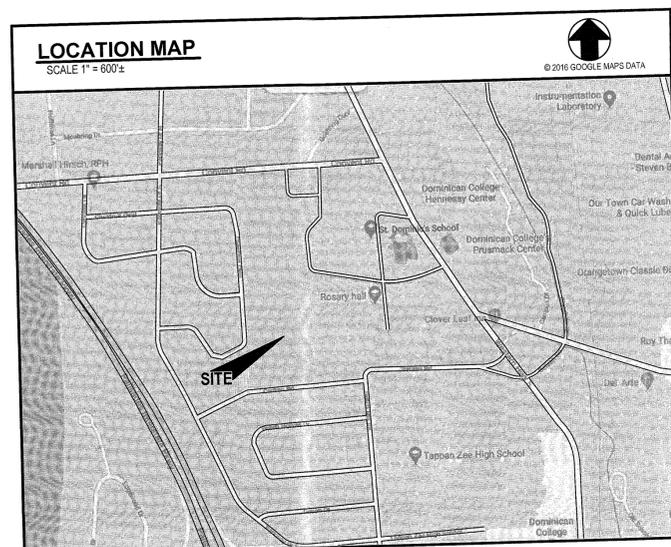
DOMINICAN COLLEGE

ATHLETIC COMPLEX SYNTHETIC TURF FIELD

470 WESTERN HIGHWAY, ORANGEBURG, NY 10962

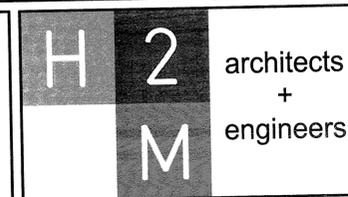
H2M PROJECT NO. LTGR 2001

August 30, 2021

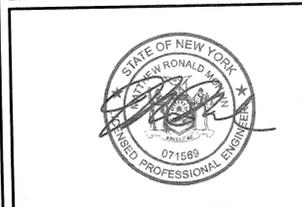


THE LANDTEK GROUP, INC.
235 County Line Rd
Amityville, NY 11701
631-691-2381
631-698-8280
www.landtekgroup.com

DRAWING LIST	
CIVIL DRAWINGS:	
G0.0	COVER SHEET
C1.0	EXISTING CONDITIONS AND REMOVALS PLAN
C1.1	TREE REMOVAL PLAN
C1.2	TREE REMOVAL LIST
C2.0	DIMENSIONAL SITE PLAN
C3.0	GRADING AND DRAINAGE PLAN
C3.1	CULVERT SECTIONS
C4.0	LANDSCAPE PLAN
C5.0	EROSION AND SEDIMENT CONTROL PLAN
C6.0	SITE DETAILS
C7.0	BLEACHER SITE PLAN, SECTION, AND ELEVATIONS



538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 www.h2m.com



DESIGNED BY: MRM	DRAWN BY: JMT	CHECKED BY: MRM	REVIEWED BY:
PROJECT NO.: LTGR 2001	DATE: AUG. 30, 2021	SCALE: AS SHOWN	

DOMINICAN COLLEGE

ATHLETIC COMPLEX
SYNTHETIC TURF FIELD

470 WESTERN HIGHWAY,
ORANGEBURG, NY 10962

SEC. 7.06, BLOCK 3, P/O
LOTS 1.1 & 1.3

STATUS: NOT FOR CONSTRUCTION

DRAWING NO.: **GO.0** SHEET NO.: **1** OF **11**

APPLICANT
DOMINICAN COLLEGE
470 WESTERN HIGHWAY
ORANGEBURG, NY 10962
(845) 848-7814

C:\Users\jkmiles\appdata\local\temp\AcPublish_195844350\0_Cover_Sheet.dwg User: jkmiles Date: 8/26/2021 11:43am Plotted on: Aug 30, 2021 12:54pm By: jkmiles

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
501		HICKORY, BITTERNUT	11, 6.5, 5.5	Multi-stem	
502		CHERRY, BLACK	12.5		
503		CHERRY, BLACK	12.0		
504		MAPLE, NORWAY	10.0		
505		MAPLE, NORWAY	7.0		
506		CHERRY, BLACK	6.0		
507		HICKORY, BITTERNUT	7.0		
508		BLACK LOCUST	6.5		
509		CHERRY, BLACK	12.5		
510		BLACK LOCUST	6.5		
511		CHERRY, BLACK	14.5		
512		HICKORY, BITTERNUT	16.5		
513		ASH, WHITE	17.5		
514		ASH, WHITE	12.5		
515		MAPLE, NORWAY	12.5		
516		ASH, WHITE	8.5		
517		HICKORY, BITTERNUT	6.5		
518		HICKORY, BITTERNUT	10.0		
519		HICKORY, BITTERNUT	17.5		
520		CHERRY, BLACK	9.5		
521		ASH, WHITE	15.5, 15.0	Multi-stem	
522		PINE, EASTERN WHITE	21.0		
523		ELM, SLIPPERY	25.5	Multi-stem (Other stem is dead)	
524		PINE, EASTERN WHITE	12.5		
525		WALNUT, BLACK	14.0		
526		OAK, PIN	21.0		
527		ASH, WHITE	7.5		
528		OAK, PIN	10.0		
529		AMERICAN SYCAMORE	9.5		
530		OAK, PIN	15.5		
531		OAK, PIN	7.5		
532		HICKORY, BITTERNUT	6.5		
533		ASH, WHITE	14.5		
534		OAK, PIN	22.0		
535		OAK, PIN	18.5, 6.5	Multi-stem	
536		ASH, WHITE	16.5		
537		ASH, WHITE	15.5		
538		OAK, PIN	18.0		
539		HICKORY, BITTERNUT	8.5		
540		HICKORY, BITTERNUT	12.5		
541		HICKORY, BITTERNUT	7.0		
542		OAK, PIN	11.5		

FIELD_INVENTORY

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
543		ASH, WHITE	25.0		
544		HICKORY, BITTERNUT	12.5		
545		MAPLE, NORWAY	8.5		
546		WALNUT, BLACK	26.0		
547		HICKORY, BITTERNUT	7.0		
548		CHERRY, BLACK	6.0		
549		MAPLE, NORWAY	9.0		
550		CHERRY, BLACK	8.0		
551		MAPLE, NORWAY	6.5		
552		CHERRY, BLACK	10.5		
553		ELM, SLIPPERY	8.5		
554		CHESTNUT, AMERICAN	15.5		
555		PINE, EASTERN WHITE	7.0		
556		MAPLE, NORWAY	6.0		
557		MAPLE, NORWAY	9.0		
558		CHERRY, BLACK	11.0	Multi-stem (Combined)	
559		CHESTNUT, AMERICAN	12.5	Multi-stem	
560		LINDEN, AMERICAN	5.5		
561		MAPLE, NORWAY	7.5		
562		MAPLE, NORWAY	9, 8.5	Multi-stem	
563		ASH, WHITE	9.5		
564		HICKORY, BITTERNUT	8.5		
565		MAPLE, NORWAY	6.5		
566		MAPLE, NORWAY	7.5		
567		MAPLE, NORWAY	11.5		
568		LINDEN, AMERICAN	7.5		
569		LINDEN, AMERICAN	6.0		
570		LINDEN, AMERICAN	6.0		
571		ASH, WHITE	9.5		
572		LINDEN, AMERICAN	7.5		
573		WALNUT, BLACK	22.5		
574		PINE, EASTERN WHITE	10.5		
575		PINE, EASTERN WHITE	10.5		
576		PINE, EASTERN WHITE	8.5		
577		PINE, EASTERN WHITE	10.0		
578		UNKNOWN	9.5		
579		PINE, EASTERN WHITE	8.5		
580		PINE, EASTERN WHITE	20.5		
581		PINE, EASTERN WHITE	6.0		
582		PINE, EASTERN WHITE	6.0		
583		PINE, EASTERN WHITE	8.0		
584		AMERICAN SYCAMORE	23.5		

FIELD_INVENTORY

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
585		MAPLE, RED	19.0	Multi-stem (Combined)	
586		MAPLE, RED	11.5		
587		DOGWOOD, OTHER	Multi-stem	Multi-stem (7 stems)	
588		LINDEN, AMERICAN	10.0		
589		BLACK LOCUST	Multi-stem	Multi-stem (many stems)	
590		LINDEN, AMERICAN	10.0		
591		ASH, WHITE	24.5		
592		LINDEN, AMERICAN	10.0		
593		ASH, WHITE	10.0		
594		HICKORY, BITTERNUT	12.0		
595		HACKBERRY	8.5		
596		ASH, WHITE	16.5		
597		ASH, WHITE	10.5		
598		HICKORY, BITTERNUT	15.5		
599		HICKORY, BITTERNUT	15.5		
600		BEECH, AMERICAN	10.0		
601		PINE, EASTERN WHITE	6.0		
602		BLACKGUM	6.5		
603		BLACKGUM	6.6	Multi-stem	
604		BLACKGUM	6.5		
605		BLACKGUM	6.5		
606		CHERRY, BLACK	10.0		
607		BLACKGUM	7.0		
608		BLACKGUM	6.0		
609		BLACKGUM	6.0		
610		BLACKGUM	5.5		
611		BLACKGUM	9.11	Multi-stem	
612		MULBERRY, WHITE	11.5		
613		BLACKGUM	8.0		
614		BLACKGUM	6.5		
615		BLACKGUM	8.5		
616		BLACKGUM	8.0		
617		BLACKGUM	8.5		
618		BLACKGUM	7.0		
619		BLACKGUM	8.5		
620		BLACKGUM	7.0		
621		BLACKGUM	7.0		
622		BLACKGUM	8.0		
623		BLACKGUM	6.0		
624		BLACKGUM	7.0		
625		BLACKGUM	8.5		
626		BLACKGUM	8.5		

FIELD_INVENTORY

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
627		MAPLE, NORWAY	12.0		
628		PINE, EASTERN WHITE	7.0		
629		PINE, EASTERN WHITE	6.0		
630		UNKNOWN DEAD TREES	16.0	LOCATED NEAR 670-680 SERIES	
631		BIRCH, SWEET	10.5		
632		CHERRY, BLACK	7.5		
633		PINE, EASTERN WHITE	15.0		
634		HICKORY, BITTERNUT	16.5, 13	Multi-stem	
635		ASH, WHITE	14.0		
636		CHERRY, BLACK	7.5		
637		PINE, EASTERN WHITE	8.0		
638		BEECH, AMERICAN	8.0		
639		PINE, EASTERN WHITE	7.5		
640		PINE, EASTERN WHITE	6.5		
641		BLACKGUM	13.5		
642		BLACKGUM	6.5		
643		BLACKGUM	9.4	Multi-stem	
644		PINE, EASTERN WHITE	17.0		
645		PINE, EASTERN WHITE	12.0		
646		AMERICAN SYCAMORE	11.0		
647		PINE, EASTERN WHITE	6.5		
648		UNKNOWN DEAD TREES	16.0	LOCATED NEAR 670-680 SERIES	
649		ASH, WHITE	7.5	LOCATED NEAR THE 530 - 550 SERIES	
650		CHERRY, BLACK	7.5	LOCATED NEAR THE 530 - 550 SERIES	
651		CHERRY, OTHER	10.0		
652		COTTONWOOD, SWAMP	33.5		
653		ASH, WHITE	14.5		
654		ELM, AMERICAN	22.0		
655		HICKORY, BITTERNUT	11.5		
656		ASH, WHITE	6.5		
657		ELM, AMERICAN	8.0		
658		ELM, AMERICAN	7.0		
659		BLACK LOCUST	6.0		
660		TREE OF HEAVEN	8.0		
661		CHERRY, BLACK	6.0		
662		TREE OF HEAVEN	10.5		
663		HICKORY, SHAGBARK	15.5		
664		ELM, SLIPPERY	14.0		
665		MAPLE, NORWAY	8.0		
666		HICKORY, SHAGBARK	14.0		
667		ASH, WHITE	10.0		
668		MULBERRY, WHITE	10.0		

FIELD_INVENTORY

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
669		OAK, NORTHERN RED	26.0		
670		MAPLE, NORWAY	11.5		
671		BIRCH, SWEET	6.0		
672		ELM, AMERICAN	28.0		
673		BOXELDER	7.0		
674		OAK, PIN	29.0		
675		DOGWOOD, OTHER	7.0		
676		DOGWOOD, OTHER	7.0		
677		UNKNOWN DEAD TREES	14.0		
678		UNKNOWN DEAD TREES	9, 9, 10	Multi-stem	
679		CHERRY, BLACK	9.0		
680		SPRUCE, OTHER	8.0		
681		HICKORY, SHAGBARK	6.5		
682		OAK, PIN	18.0		
683		OAK, PIN	15.0		
684		CHESTNUT, AMERICAN	8.0		
685		ELM, SLIPPERY	30.0		
686		OAK, PIN	28.0		
687		ASH, WHITE	9.0		
688		ASH, WHITE	11.0		
689		BIRCH, SWEET	9.0		
690		OAK, WHITE	8.5		
691		OAK, SCARLET	23.5		
692		OAK, WHITE	14.0		
693		BOXELDER	11.0		
694		OAK, WHITE	36.0		
695		SWEETGUM	9.0		
696		HAWTHORN, ENGLISH	6.0		
697		HACKBERRY	8.0		
698		HACKBERRY	18.0		
699		BEECH, AMERICAN	7.5		
700		OAK, SWAMP WHITE	35.5		
936		BEECH, AMERICAN	9.5		
937		BEECH, AMERICAN	11.5, 6	Multi-stem	
938		OAK, SWAMP WHITE	21.5		
939		MULBERRY, WHITE	12.0		
940		OAK, SWAMP WHITE	18.0		
941		OAK, PIN	26.5		
942		WALNUT, BLACK	41.0		
943		HONEYLOCUST	8.0		
944		WALNUT, BLACK	12.0		
945		HICKORY, SHAGBARK	10.0		

FIELD_INVENTORY

PROJ #	TREE #	COMMON NAME	D.B.H. (INCHES)	COMMENTS	SHADE INDICATES TREE TO BE REMOVED
946		HICKORY, SHAGBARK	7.0		
947		CHESTNUT, AMERICAN	9.0		
948		OAK, PIN	36.0		
949		BEECH, AMERICAN	9.0		
950		BEECH, AMERICAN	7.0		
951		CHESTNUT, AMERICAN	10.0		
952		CHESTNUT, AMERICAN	12.0		
953		OAK, PIN	34.0		
954		OAK, PIN	11.0		
955		OAK, PIN	41.0		
956		OAK, PIN	22.0		
957		HICKORY, OTHER	6.5		
958		OAK, PIN	22.5		
959		SWEETGUM	9.0		
960		ASH, WHITE	12.5		
961		BIRCH, SWEET	8.0		
962		ELM, SLIPPERY	16.0		
963		ASH, WHITE	6.5		
4424		ASH, WHITE	18.5		
4425		MAPLE, NORWAY	13, 12.5	Multi-stem	
4426		DOGWOOD, OTHER	5.5		
4427		MAPLE, RED	9.5		
4428		PINE, EASTERN WHITE	8.0		
4429		MAPLE, NORWAY	17.0		
4430		PINE, EASTERN WHITE	14.5		
4431		PINE, EASTERN WHITE	7, 8.8	Multi-stem	
4432		PINE, EASTERN WHITE	12.0		
4433		PINE, EASTERN WHITE	10, 7.5	Multi-stem	
4434		PINE, EASTERN WHITE	12, 8.5, 10.5	Multi-stem	
4435		MAPLE, RED	12.0		
4436		MAPLE, RED	10.0		
4437		PINE, EASTERN WHITE	9.0		
4438		MAPLE, RED	12, 9, 13		



MULTI-PURPOSE FIELD STRIPING TABLE				
SPORT/EVENT	DIMENSIONS	TYPE OF STRIPE	COLOR	PANTONE COLOR NO.
SOCCER	210' x 360'	INLAID	CANARY YELLOW	136C
BOY'S LACROSSE	180' x 330'	INLAID	RELEX BLUE	RFXC
BOY'S LACROSSE CIRCLE	9' RADIUS	PAINTED	RELEX BLUE	RFXC (OR EQUAL)
GIRL'S LACROSSE	210' x 360'	INLAID	RED	185C

TOTAL LAND DISTURBANCE = 4.81 ACRES

SITE DATA

ZONE: R-40
 USE: SCHOOL, ATHLETIC FIELD
 SCHOOL DISTRICT: SOUTH ORANGETOWN CSD
 FIRE DISTRICT: ORANGETOWN
 WATER DISTRICT: UNITED WATER NEW YORK
 SEWER DISTRICT: ORANGETOWN SEWER DISTRICT

BULK REQUIREMENTS

ITEM	REQUIRED	NEW
MINIMUM FLOOR AREA RATIO	0.15	0.01
MINIMUM LOT AREA	80,000 SF	544,500 SF
MINIMUM LOT WIDTH	300 FT	516 FT
MINIMUM STREET FRONTAGE	150 FT	235 FT
MINIMUM SIDE YARD DEPTH (EACH)	30 FT	50 FT
MINIMUM SIDE YARD DEPTH (AGGREGATE)	100 FT	746 FT
MINIMUM REAR YARD DEPTH	50 FT	65 FT
MAXIMUM BUILDING HEIGHT	3 INCHES	0 INCHES

LEGEND

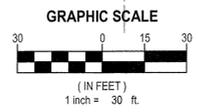
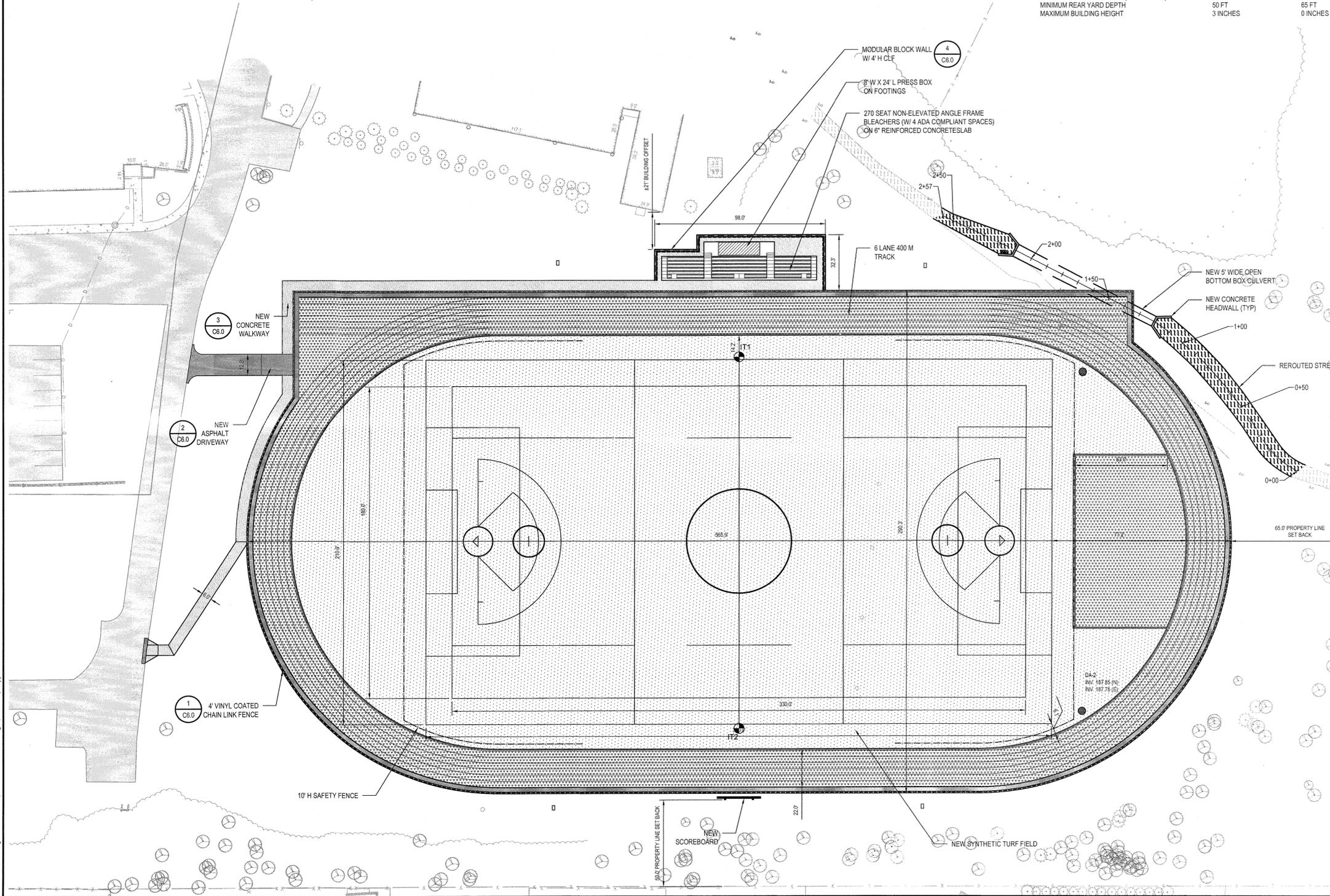
DESCRIPTION	SYMBOL
RETAINING WALL	[Symbol]
ASPHALT PAVEMENT	[Symbol]
CONCRETE PAVEMENT SIDEWALK	[Symbol]
TURF FIELD	[Symbol]
RUNNING TRACK	[Symbol]
RELOCATED STREAMBED	[Symbol]
UTILITY MANHOLE	[Symbol]
HANDICAP RAMP	[Symbol]
CHAIN LINK FENCE	[Symbol]

SITE PLAN NOTES:

- INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
- NOTIFY THE OWNER AND H2M (TELEPHONE 631-756-8000) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
- COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
- PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
- DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
- ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
- COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
- RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
- SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

TOWN OF ORANGETOWN NOTES:

- LOT DRAINAGE SHALL CONSTITUTE EASEMENTS RUNNING WITH THE LAND AND ARE NOT TO BE DISTURBED.
- ALL UTILITIES, INCLUDING ELECTRIC AND TELEPHONE SERVICE, SHALL BE INSTALLED UNDERGROUND.
- SIDEWALKS SHALL BE INSTALLED IN ACCORDANCE WITH THE HIGHWAY DEPARTMENT'S SPECIFICATIONS FOR SIDEWALKS.
- THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 239.6(M) OF THE GENERAL MUNICIPAL LAW OF THE STATE OF NEW YORK.



H 2 M architects + engineers

538 Broad Hollow Road, 4th Floor East
 Melville, NY 11747
 631.756.8000 • www.h2m.com

THE LANDTEK GROUP, INC
 235 County Line Rd
 Amityville, NY 11701
 631-691-2391
 631-598-8280
 www.landtekgroup.com

MARK	DATE	DESCRIPTION

STATE OF NEW YORK
 SEWARD R. MANNING
 LICENSED PROFESSIONAL ENGINEER
 071569

DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
MRM	JMT	MRM	

PROJECT No.: LGTR 2001 | DATE: AUG. 30, 2021 | SCALE: AS SHOWN

DOMINICAN COLLEGE

ATHLETIC COMPLEX SYNTHETIC TURF FIELD

DOMINICAN COLLEGE

470 WESTERN HIGHWAY
 ORANGETOWN, NEW YORK
 10962

SEC. 74.06, BLOCK 3, P/O
 LOTS 1.1 & 1.3

CONTRACT
ALL CONTRACTS

STATUS
REGULATORY REVIEW

SHEET TITLE
DIMENSIONAL SITE PLAN

APPLICANT
 DOMINICAN COLLEGE
 470 WESTERN HIGHWAY
 ORANGETOWN, NY 10962
 (845) 848-7814

CONTRACT No.: **C2.0**

SHEET No.: **5**
 OF **11**

C:\Users\jman\appdata\local\temp\AutoCAD_35584622\DimensionalSitePlan.dwg Last Modified: Jul 26, 2021 - 11:52am Plotted on: Aug 30, 2021 - 1:03pm By: jman

811 1-800-272-4480
Dig Safely. New York
Call 811
 before you dig
 www.digsafelynewyork.com

